

# Safety Data Sheets

## U.S. Products

### Pest Management Division

FirstStrike® • Resolv®

Generation® • BlueMax™ • Maki® • Rozol®

NoTox • Rat & Mouse Attractant



**LIPHA**TECH®

# Table of Contents

Click on the ❖ icon to return to this page.

[FirstStrike® Soft Bait](#)

[FirstStrike® 40 Soft Bait](#)



[Resolv® Soft Bait](#)

[Resolv® 40 Soft Bait](#)



[Generation® Mini Blocks](#)

[Generation® Pellets](#)

[Generation® Pellets Place Packs](#)



[Generation® BlueMax™ Mini Blocks](#)

[Generation® BlueMax™ Meal Bait](#)



[Maki® Mini Blocks](#)

[Maki® Paraffin Blocks](#)

[Maki® Paraffinized Pellets](#)

[Maki® Pellets Place Packs](#)



[Rozol® Tracking Powder](#)

[Rozol® Blue Tracking Powder](#)



[NoTox Blocks](#)



[Rat & Mouse Attractant](#)



For the most up-to-date SDS information on these products, visit [www.liphatech.com/pest\\_management/us-products](http://www.liphatech.com/pest_management/us-products)

From there, you can sign up for RSS feeds which will automatically notify you when Safety Data Sheets get updated.

# SAFETY DATA SHEET

## Section 1: Identification

**Product identifier:** FirstStrike® Soft Bait  
**Other identifier(s):** EPA Registration Number 7173-258  
**Uses or restrictions:** Rodenticide with difethialone

**Manufacturer:** Liphatech, Inc.  
3600 W. Elm Street, Milwaukee, WI 53209

**Emergency phone:** 800-351-1476 Monday - Friday 8:00 am - 4:30 pm  
(US Central time zone)

**After hours:** Call CHEMTREC at 1-800-424-9300

## Section 2: Hazard Identification

**Hazard class:** Specific Target Organ Toxicity (Single exposure), Category 2; Specific Target Organ Toxicity (Repeated exposure), Category 2  
**Warning:** May cause damage to blood and reduce the clotting ability of blood if swallowed, inhaled or absorbed through skin. Do not breathe dust. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. If exposed or if you feel unwell, call a poison control center or doctor. Dispose of container and contents according to instructions on product label. Store locked up.



## Section 3: Composition / Information on Ingredients

**Hazardous ingredients:**  
Difethialone (CAS registry no. 104653-34-1) ..... 0.0025%

## Section 4: First Aid Measures

**Emergency overview:** This material may reduce the clotting ability of the blood and cause bleeding. Symptoms of toxicity include lethargy, loss of appetite, reduced clotting ability of blood, and bleeding. Have the product label with you when obtaining treatment advice.

**If swallowed:** Call a poison control center or doctor. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor.

**If inhaled:** Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration and call poison control or doctor.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin with plenty of cool water for 15-20 minutes. Call a poison control center or doctor.

**Note to Physician or Veterinarian:** Contains anticoagulant ingredient. For humans or animals ingesting bait and/or showing obvious poisoning symptoms (bleeding or prolonged prothrombin times), give Vitamin K<sub>1</sub> intramuscularly or orally. In severe cases, blood transfusions may be needed.

## Section 5: Fire-fighting Measures

**Extinguishing media:** Use media suitable for the surrounding fire  
**Specific fire or explosion hazards:** None known  
**Special cautions for firefighters:** Wear self-contained breathing apparatus (full facepiece) & full protective clothing. Contain runoff to prevent pollution.

## Section 6: Accidental Release Measures

**Precautions, PPE and Procedures:** Wearing PPE as specified in Section 8, isolate and contain spill. Limit access to spill area to necessary personnel. Do not allow spilled material to enter sewers, streams or other waters.  
**Methods and materials:** Scoop up spilled material and place in a closed, labeled container for use according to label instructions or disposal.

## Section 7: Handling and Storage

**Precautions for safe handling:** Read the entire product label before using this rodenticide. **Conditions for safe storage:** Store in original container in a cool, dry area out of reach of children, pets and domestic animals. Do not contaminate water, food or feed. Keep container tightly closed. Do not remove or destroy the product label.

## Section 8: Exposure Controls / Personal Protection

**Established exposure limits:** Not applicable  
**Appropriate engineering controls:** Special ventilation is not required for the normal handling and use of this product when following label instructions.

**Individual protection measures:** Wear long-sleeved shirt, long pants, shoes, socks and waterproof gloves when handling this product. Follow manufacturer's instructions for cleaning/maintaining PPE, or else wash with detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. Wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet, and change into clean clothing.

## Section 9: Physical and Chemical Properties

**Appearance:** Soft paste, blue color, raw grain odor. Odor threshold not determined.  
**Water solubility:** Negligible **pH:** Not applicable  
**Relative density:** 1.11 g/cc **Viscosity:** Not applicable  
**% Volatile (volume):** Not applicable **Evaporation rate:** Not applicable  
**Vapor density:** Not applicable **Vapor pressure:** Not applicable  
**Boiling point:** Not determined **Freezing point:** Not applicable  
**Flash point (ASTM D92):** >150 °C **Autoignition temp.:** Not determined  
**Flammability:** Not a flammable solid **Decomposition temp.:** Not determined  
**Explosive limits - Lower limit:** Not applicable; **Upper limit:** Not applicable  
**Partition coefficient (n-octanol/water):** Not applicable

## Section 10: Stability and Reactivity

**Reactivity:** Not reactive, not sensitive to shock or static discharge  
**Chemical stability:** Stable **Hazardous reactions:** None  
**Incompatible materials:** None **Conditions to avoid:** None  
**Hazardous decomposition products:** Oxides of carbon

## Section 11: Toxicological Information

**Likely routes of exposure:** Ingestion, skin absorption.  
**Symptoms of toxicity:** Lethargy, loss of appetite, reduced clotting ability of blood, and bleeding.  
**Eye effects/eye irritation:** Mild, transient irritant  
**Acute oral effects:** LD<sub>50</sub> (oral-rat): >5000 mg/kg  
**Acute inhalation effects:** LC<sub>50</sub> (rat, 4 hour): 200 mg/L (extrapolated)  
**Acute dermal effects:** LD<sub>50</sub> (dermal-rabbit): >2000 mg/kg  
**Skin irritation:** Non-irritating  
**Skin sensitization:** Not a skin sensitizer  
**Carcinogenicity:** No ingredient listed by NTP, IARC or OSHA

## Section 12: Ecological Information

This product is extremely toxic to birds and mammals. Do not apply this product directly to water, where surface water is present or to intertidal areas below the mean high water mark. Carefully follow label cautions and directions to reduce hazards to children, pets and non-target wildlife.

## Section 13: Disposal Considerations

**Disposal:** Wastes resulting from the use of this product according to the label instructions must be disposed of as specified on the product label.  
**RCRA waste status:** This product is not regulated as a hazardous waste under Federal law. State and local regulation may affect the disposal of this product. Consult your state or local environmental agency for disposal of waste generated other than by use according to label instructions.

## Section 14: Transport Information

**Transportation data (49 CFR):** This product is not regulated as a hazardous material for all modes of transportation within the U.S.  
**Hazard Class, Packing Group and UN ID No.:** Not applicable

## Section 15: Regulatory Information

**TSCA:** All components of this product are listed on the TSCA inventory.  
**SARA section 313:** Contains no reportable components.  
**CA Proposition 65:** Contains no substances subject to Prop 65 requirements.  
**FIFRA:** This product is registered as a pesticide with the U.S. Environmental Protection Agency. The label requirements under Federal pesticide law differ from the classification criteria and hazard information required by OSHA on this Safety Data Sheet. Read and follow all cautions, directions and use restrictions on the product label on the container.

## Section 16: Other Information

**Prepared by:** T. Schmit **Date:** 2 February 2015  
This Safety Data Sheet is believed to be accurate at time of publication. No warranty, expressed or implied, is made with regard to this information. This information may not be adequate for every application, and the user must determine the suitability of this information due to the manner or conditions of use or storage, or local regulation. ❖

# SAFETY DATA SHEET

## Section 1: Identification

**Product identifier:** FirstStrike® 40 Soft Bait  
**Other identifier(s):** EPA Registration Number 7173-258  
**Uses or restrictions:** Rodenticide with difethialone

**Manufacturer:** Liphatech, Inc.  
3600 W. Elm Street, Milwaukee, WI 53209  
**Emergency phone:** 800-351-1476 Monday - Friday 8:00 am - 4:30 pm  
(US Central time zone)

**After hours:** Call CHEMTREC at 1-800-424-9300

## Section 2: Hazard Identification

**Hazard class:** Specific Target Organ Toxicity (Single exposure), Category 2; Specific Target Organ Toxicity (Repeated exposure), Category 2  
**Warning:** May cause damage to blood and reduce the clotting ability of blood if swallowed, inhaled or absorbed through skin. Do not breathe dust. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. If exposed or if you feel unwell, call a poison control center or doctor. Dispose of container and contents according to instructions on product label. Store locked up.



## Section 3: Composition / Information on Ingredients

**Hazardous ingredients:**  
Difethialone (CAS registry no. 104653-34-1) ..... 0.0025%

## Section 4: First Aid Measures

**Emergency overview:** This material may reduce the clotting ability of the blood and cause bleeding. Symptoms of toxicity include lethargy, loss of appetite, reduced clotting ability of blood, and bleeding. Have the product label with you when obtaining treatment advice.

**If swallowed:** Call a poison control center or doctor. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor.

**If inhaled:** Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration and call poison control or doctor.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin with plenty of cool water for 15-20 minutes. Call a poison control center or doctor.

**Note to Physician or Veterinarian:** Contains anticoagulant ingredient. For humans or animals ingesting bait and/or showing obvious poisoning symptoms (bleeding or prolonged prothrombin times), give Vitamin K<sub>1</sub> intramuscularly or orally. In severe cases, blood transfusions may be needed.

## Section 5: Fire-fighting Measures

**Extinguishing media:** Use media suitable for the surrounding fire

**Specific fire or explosion hazards:** None known

**Special cautions for firefighters:** Wear self-contained breathing apparatus (full facepiece) & full protective clothing. Contain runoff to prevent pollution.

## Section 6: Accidental Release Measures

**Precautions, PPE and Procedures:** Wearing PPE as specified in Section 8, isolate and contain spill. Limit access to spill area to necessary personnel. Do not allow spilled material to enter sewers, streams or other waters.

**Methods and materials:** Scoop up spilled material and place in a closed, labeled container for use according to label instructions or disposal.

## Section 7: Handling and Storage

**Precautions for safe handling:** Read the entire product label before using this rodenticide. **Conditions for safe storage:** Store in original container in a cool, dry area out of reach of children, pets and domestic animals. Do not contaminate water, food or feed. Keep container tightly closed. Do not remove or destroy the product label.

## Section 8: Exposure Controls / Personal Protection

**Established exposure limits:** Not applicable

**Appropriate engineering controls:** Special ventilation is not required for the normal handling and use of this product when following label instructions.

**Individual protection measures:** Wear long-sleeved shirt, long pants, shoes, socks and waterproof gloves when handling this product. Follow manufacturer's instructions for cleaning/maintaining PPE, or else wash with detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. Wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet, and change into clean clothing.

## Section 9: Physical and Chemical Properties

**Appearance:** Soft paste, blue color, raw grain odor. Odor threshold not determined.

**Water solubility:** Negligible

**pH:** Not applicable

**Relative density:** 1.11 g/cc

**Viscosity:** Not applicable

**% Volatile (volume):** Not applicable

**Evaporation rate:** Not applicable

**Vapor density:** Not applicable

**Vapor pressure:** Not applicable

**Boiling point:** Not determined

**Freezing point:** Not applicable

**Flash point (ASTM D92):** >150 °C

**Autoignition temp.:** Not determined

**Flammability:** Not a flammable solid

**Decomposition temp.:** Not determined

**Explosive limits - Lower limit:** Not applicable; Upper limit: Not applicable

**Partition coefficient (n-octanol/water):** Not applicable

## Section 10: Stability and Reactivity

**Reactivity:** Not reactive, not sensitive to shock or static discharge

**Chemical stability:** Stable

**Hazardous reactions:** None

**Incompatible materials:** None

**Conditions to avoid:** None

**Hazardous decomposition products:** Oxides of carbon

## Section 11: Toxicological Information

**Likely routes of exposure:** Ingestion, skin absorption.

**Symptoms of toxicity:** Lethargy, loss of appetite, reduced clotting ability of blood, and bleeding.

**Eye effects/eye irritation:** Mild, transient irritant

**Acute oral effects:** LD<sub>50</sub> (oral-rat): >5000 mg/kg

**Acute inhalation effects:** LC<sub>50</sub> (rat, 4 hour): 200 mg/L (extrapolated)

**Acute dermal effects:** LD<sub>50</sub> (dermal-rabbit): >2000 mg/kg

**Skin irritation:** Non-irritating

**Skin sensitization:** Not a skin sensitizer

**Carcinogenicity:** No ingredient listed by NTP, IARC or OSHA

## Section 12: Ecological Information

This product is extremely toxic to birds and mammals. Do not apply this product directly to water, where surface water is present or to intertidal areas below the mean high water mark. Carefully follow label cautions and directions to reduce hazards to children, pets and non-target wildlife.

## Section 13: Disposal Considerations

**Disposal:** Wastes resulting from the use of this product according to the label instructions must be disposed of as specified on the product label.

**RCRA waste status:** This product is not regulated as a hazardous waste under Federal law. State and local regulation may affect the disposal of this product. Consult your state or local environmental agency for disposal of waste generated other than by use according to label instructions.

## Section 14: Transport Information

**Transportation data (49 CFR):** This product is not regulated as a hazardous material for all modes of transportation within the U.S.

**Hazard Class, Packing Group and UN ID No.:** Not applicable

## Section 15: Regulatory Information

**TSCA:** All components of this product are listed on the TSCA inventory.

**SARA section 313:** Contains no reportable components.

**CA Proposition 65:** Contains no substances subject to Prop 65 requirements.

**FIFRA:** This product is registered as a pesticide with the U.S. Environmental Protection Agency. The label requirements under Federal pesticide law differ from the classification criteria and hazard information required by OSHA on this Safety Data Sheet. Read and follow all cautions, directions and use restrictions on the product label on the container.

## Section 16: Other Information

**Prepared by:** T. Schmit

**Date:** 2 February 2015

This Safety Data Sheet is believed to be accurate at time of publication. No warranty, expressed or implied, is made with regard to this information. This information may not be adequate for every application, and the user must determine the suitability of this information due to the manner or conditions of use or storage, or local regulation. ❖



# SAFETY DATA SHEET

## Section 1: Identification

**Product identifier:** **Resolv® Soft Bait**  
**Other identifier(s):** EPA Registration Number 7173-297  
**Uses or restrictions:** Rodenticide with bromadiolone

**Manufacturer:** Liphatech, Inc.  
3600 W. Elm Street, Milwaukee, WI 53209

**Emergency phone:** 800-351-1476 Monday - Friday 8:00 am - 4:30 pm  
(US Central time zone)

**After hours:** Call CHEMTREC at 1-800-424-9300

## Section 2: Hazard Identification

**Hazard class:** Specific Target Organ Toxicity (Single exposure), Category 2; Specific Target Organ Toxicity (Repeated exposure), Category 2  
**Warning:** May cause damage to blood and reduce the clotting ability of blood if swallowed, inhaled or absorbed through skin. Do not breathe dust. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. If exposed or if you feel unwell, call a poison control center or doctor. Dispose of container and contents according to instructions on product label. Store locked up.



## Section 3: Composition / Information on Ingredients

**Hazardous ingredients:**  
Bromadiolone (CAS registry no. 28772-56-7) ..... 0.005%

## Section 4: First Aid Measures

**Emergency overview:** This material may reduce the clotting ability of the blood and cause bleeding. Symptoms of toxicity include lethargy, loss of appetite, reduced clotting ability of blood, and bleeding. Have the product label with you when obtaining treatment advice.

**If swallowed:** Call a poison control center or doctor. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor.

**If inhaled:** Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration and call poison control or doctor.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin with plenty of cool water for 15-20 minutes. Call a poison control center or doctor.

**Note to Physician or Veterinarian:** Contains anticoagulant ingredient. For humans or animals ingesting bait and/or showing obvious poisoning symptoms (bleeding or prolonged prothrombin times), give Vitamin K<sub>1</sub> intramuscularly or orally. In severe cases, blood transfusions may be needed.

## Section 5: Fire-fighting Measures

**Extinguishing media:** Use media suitable for the surrounding fire  
**Specific fire or explosion hazards:** None known  
**Special cautions for firefighters:** Wear self-contained breathing apparatus (full facepiece) & full protective clothing. Contain runoff to prevent pollution.

## Section 6: Accidental Release Measures

**Precautions, PPE and Procedures:** Wearing PPE as specified in Section 8, isolate and contain spill. Limit access to spill area to necessary personnel. Do not allow spilled material to enter sewers, streams or other waters.  
**Methods and materials:** Scoop up spilled material and place in a closed, labeled container for use according to label instructions or disposal.

## Section 7: Handling and Storage

**Precautions for safe handling:** Read the entire product label before using this rodenticide. **Conditions for safe storage:** Store in original container in a cool, dry area out of reach of children, pets and domestic animals. Do not contaminate water, food or feed. Keep container tightly closed. Do not remove or destroy the product label.

## Section 8: Exposure Controls / Personal Protection

**Established exposure limits:** Not applicable  
**Appropriate engineering controls:** Special ventilation is not required for the normal handling and use of this product when following label instructions.

**Individual protection measures:** Wear long-sleeved shirt, long pants, shoes, socks and waterproof gloves when handling this product. Follow manufacturer's instructions for cleaning/maintaining PPE, or else wash with detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. Wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet, and change into clean clothing.

## Section 9: Physical and Chemical Properties

**Appearance:** Soft paste, green color, raw grain odor. Odor threshold not determined.  
**Water solubility:** Negligible **pH:** Not applicable  
**Relative density:** 1.25 g/cc **Viscosity:** Not applicable  
**% Volatile (volume):** Not applicable **Evaporation rate:** Not applicable  
**Vapor density:** Not applicable **Vapor pressure:** Not applicable  
**Boiling point:** Not determined **Freezing point:** Not applicable  
**Flash point (ASTM D92):** >150 °C **Autoignition temp.:** Not determined  
**Flammability:** Not a flammable solid **Decomposition temp.:** Not determined  
**Explosive limits - Lower limit:** Not applicable; **Upper limit:** Not applicable  
**Partition coefficient (n-octanol/water):** Not applicable

## Section 10: Stability and Reactivity

**Reactivity:** Not reactive, not sensitive to shock or static discharge  
**Chemical stability:** Stable **Hazardous reactions:** None  
**Incompatible materials:** None **Conditions to avoid:** None  
**Hazardous decomposition products:** Oxides of carbon

## Section 11: Toxicological Information

**Likely routes of exposure:** Ingestion, skin absorption.  
**Symptoms of toxicity:** Lethargy, loss of appetite, reduced clotting ability of blood, and bleeding.  
**Eye effects/eye irritation:** Mild, transient irritant  
**Acute oral effects:** LD<sub>50</sub> (oral-rat): >5000 mg/kg  
**Acute inhalation effects:** LC<sub>50</sub> (rat, 4 hour): 8.6 mg/L (extrapolated)  
**Acute dermal effects:** LD<sub>50</sub> (dermal-rabbit): >2000 mg/kg  
**Skin irritation:** Non-irritating  
**Skin sensitization:** Not a skin sensitizer  
**Carcinogenicity:** No ingredient listed by NTP, IARC or OSHA

## Section 12: Ecological Information

This product is extremely toxic to birds and mammals. Do not apply this product directly to water, where surface water is present or to intertidal areas below the mean high water mark. Carefully follow label cautions and directions to reduce hazards to children, pets and non-target wildlife.

## Section 13: Disposal Considerations

**Disposal:** Wastes resulting from the use of this product according to the label instructions must be disposed of as specified on the product label.  
**RCRA waste status:** This product is not regulated as a hazardous waste under Federal law. State and local regulation may affect the disposal of this product. Consult your state or local environmental agency for disposal of waste generated other than by use according to label instructions.

## Section 14: Transport Information

**Transportation data (49 CFR):** This product is not regulated as a hazardous material for all modes of transportation within the U.S.  
**Hazard Class, Packing Group and UN ID No.:** Not applicable

## Section 15: Regulatory Information

**TSCA:** All components of this product are listed on the TSCA inventory.  
**SARA section 313:** Contains no reportable components.  
**CA Proposition 65:** Contains no substances subject to Prop 65 requirements.  
**FIFRA:** This product is registered as a pesticide with the U.S. Environmental Protection Agency. The label requirements under Federal pesticide law differ from the classification criteria and hazard information required by OSHA on this Safety Data Sheet. Read and follow all cautions, directions and use restrictions on the product label on the container.

## Section 16: Other Information

**Prepared by:** T. Schmit **Date:** 2 February 2015  
This Safety Data Sheet is believed to be accurate at time of publication. No warranty, expressed or implied, is made with regard to this information. This information may not be adequate for every application, and the user must determine the suitability of this information due to the manner or conditions of use or storage, or local regulation. ❖

# SAFETY DATA SHEET

## Section 1: Identification

**Product identifier:** **Resolv® 40 Soft Bait**  
**Other identifier(s):** EPA Registration Number 7173-297  
**Uses or restrictions:** Rodenticide with bromadiolone

**Manufacturer:** Liphatech, Inc.  
3600 W. Elm Street, Milwaukee, WI 53209

**Emergency phone:** 800-351-1476 Monday - Friday 8:00 am - 4:30 pm  
(US Central time zone)

**After hours:** Call CHEMTREC at 1-800-424-9300

## Section 2: Hazard Identification

**Hazard class:** Specific Target Organ Toxicity (Single exposure), Category 2; Specific Target Organ Toxicity (Repeated exposure), Category 2  
**Warning:** May cause damage to blood and reduce the clotting ability of blood if swallowed, inhaled or absorbed through skin. Do not breathe dust. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. If exposed or if you feel unwell, call a poison control center or doctor. Dispose of container and contents according to instructions on product label. Store locked up.



## Section 3: Composition / Information on Ingredients

**Hazardous ingredients:**  
Bromadiolone (CAS registry no. 28772-56-7) ..... 0.005%

## Section 4: First Aid Measures

**Emergency overview:** This material may reduce the clotting ability of the blood and cause bleeding. Symptoms of toxicity include lethargy, loss of appetite, reduced clotting ability of blood, and bleeding. Have the product label with you when obtaining treatment advice.

**If swallowed:** Call a poison control center or doctor. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor.

**If inhaled:** Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration and call poison control or doctor.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin with plenty of cool water for 15-20 minutes. Call a poison control center or doctor.

**Note to Physician or Veterinarian:** Contains anticoagulant ingredient. For humans or animals ingesting bait and/or showing obvious poisoning symptoms (bleeding or prolonged prothrombin times), give Vitamin K<sub>1</sub> intramuscularly or orally. In severe cases, blood transfusions may be needed.

## Section 5: Fire-fighting Measures

**Extinguishing media:** Use media suitable for the surrounding fire  
**Specific fire or explosion hazards:** None known  
**Special cautions for firefighters:** Wear self-contained breathing apparatus (full facepiece) & full protective clothing. Contain runoff to prevent pollution.

## Section 6: Accidental Release Measures

**Precautions, PPE and Procedures:** Wearing PPE as specified in Section 8, isolate and contain spill. Limit access to spill area to necessary personnel. Do not allow spilled material to enter sewers, streams or other waters.  
**Methods and materials:** Scoop up spilled material and place in a closed, labeled container for use according to label instructions or disposal.

## Section 7: Handling and Storage

**Precautions for safe handling:** Read the entire product label before using this rodenticide. **Conditions for safe storage:** Store in original container in a cool, dry area out of reach of children, pets and domestic animals. Do not contaminate water, food or feed. Keep container tightly closed. Do not remove or destroy the product label.

## Section 8: Exposure Controls / Personal Protection

**Established exposure limits:** Not applicable  
**Appropriate engineering controls:** Special ventilation is not required for the normal handling and use of this product when following label instructions.

**Individual protection measures:** Wear long-sleeved shirt, long pants, shoes, socks and waterproof gloves when handling this product. Follow manufacturer's instructions for cleaning/maintaining PPE, or else wash with detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. Wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet, and change into clean clothing.

## Section 9: Physical and Chemical Properties

**Appearance:** Soft paste, green color, raw grain odor. Odor threshold not determined.  
**Water solubility:** Negligible **pH:** Not applicable  
**Relative density:** 1.25 g/cc **Viscosity:** Not applicable  
**% Volatile (volume):** Not applicable **Evaporation rate:** Not applicable  
**Vapor density:** Not applicable **Vapor pressure:** Not applicable  
**Boiling point:** Not determined **Freezing point:** Not applicable  
**Flash point (ASTM D92):** >150 °C **Autoignition temp.:** Not determined  
**Flammability:** Not a flammable solid **Decomposition temp.:** Not determined  
**Explosive limits - Lower limit:** Not applicable; **Upper limit:** Not applicable  
**Partition coefficient (n-octanol/water):** Not applicable

## Section 10: Stability and Reactivity

**Reactivity:** Not reactive, not sensitive to shock or static discharge  
**Chemical stability:** Stable **Hazardous reactions:** None  
**Incompatible materials:** None **Conditions to avoid:** None  
**Hazardous decomposition products:** Oxides of carbon

## Section 11: Toxicological Information

**Likely routes of exposure:** Ingestion, skin absorption.  
**Symptoms of toxicity:** Lethargy, loss of appetite, reduced clotting ability of blood, and bleeding.  
**Eye effects/eye irritation:** Mild, transient irritant  
**Acute oral effects:** LD<sub>50</sub> (oral-rat): >5000 mg/kg  
**Acute inhalation effects:** LC<sub>50</sub> (rat, 4 hour): 8.6 mg/L (extrapolated)  
**Acute dermal effects:** LD<sub>50</sub> (dermal-rabbit): >2000 mg/kg  
**Skin irritation:** Non-irritating  
**Skin sensitization:** Not a skin sensitizer  
**Carcinogenicity:** No ingredient listed by NTP, IARC or OSHA

## Section 12: Ecological Information

This product is extremely toxic to birds and mammals. Do not apply this product directly to water, where surface water is present or to intertidal areas below the mean high water mark. Carefully follow label cautions and directions to reduce hazards to children, pets and non-target wildlife.

## Section 13: Disposal Considerations

**Disposal:** Wastes resulting from the use of this product according to the label instructions must be disposed of as specified on the product label.  
**RCRA waste status:** This product is not regulated as a hazardous waste under Federal law. State and local regulation may affect the disposal of this product. Consult your state or local environmental agency for disposal of waste generated other than by use according to label instructions.

## Section 14: Transport Information

**Transportation data (49 CFR):** This product is not regulated as a hazardous material for all modes of transportation within the U.S.  
**Hazard Class, Packing Group and UN ID No.:** Not applicable

## Section 15: Regulatory Information

**TSCA:** All components of this product are listed on the TSCA inventory.  
**SARA section 313:** Contains no reportable components.  
**CA Proposition 65:** Contains no substances subject to Prop 65 requirements.  
**FIFRA:** This product is registered as a pesticide with the U.S. Environmental Protection Agency. The label requirements under Federal pesticide law differ from the classification criteria and hazard information required by OSHA on this Safety Data Sheet. Read and follow all cautions, directions and use restrictions on the product label on the container.

## Section 16: Other Information

**Prepared by:** T. Schmit **Date:** 2 February 2015  
This Safety Data Sheet is believed to be accurate at time of publication. No warranty, expressed or implied, is made with regard to this information. This information may not be adequate for every application, and the user must determine the suitability of this information due to the manner or conditions of use or storage, or local regulation. ❖

# SAFETY DATA SHEET

## Section 1: Identification

**Product identifier:** Generation® Mini Blocks  
**Other identifier(s):** EPA Registration No. 7173-218  
**Uses or restrictions:** Rodenticide with difethialone

**Manufacturer:** Liphatech, Inc.  
3600 W. Elm Street, Milwaukee, WI 53209

**Emergency phone:** 800-351-1476 Monday - Friday 8:00 am - 4:30 pm  
(US Central time zone)

**After hours:** Call CHEMTREC at 1-800-424-9300

## Section 2: Hazard Identification

**Hazard class:** Specific Target Organ Toxicity (Single exposure), Category 2; Specific Target Organ Toxicity (Repeated exposure), Category 2  
**Warning:** May cause damage to blood and reduce the clotting ability of blood if swallowed, inhaled or absorbed through skin. Do not breathe dust. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. If exposed or if you feel unwell, call a poison control center or doctor. Dispose of container and contents according to instructions on product label. Store locked up.



## Section 3: Composition / Information on Ingredients

**Hazardous ingredients:**  
Difethialone (CAS registry no. 104653-34-1) ..... 0.0025%

## Section 4: First Aid Measures

**Emergency overview:** This material may reduce the clotting ability of the blood and cause bleeding. Symptoms of toxicity include lethargy, loss of appetite, reduced clotting ability of blood, and bleeding. Have the product label with you when obtaining treatment advice.

**If swallowed:** Call a poison control center or doctor. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor.

**If inhaled:** Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration and call poison control or doctor.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin with plenty of cool water for 15-20 minutes. Call a poison control center or doctor.

**Note to Physician or Veterinarian:** Contains anticoagulant ingredient. For humans or animals ingesting bait and/or showing obvious poisoning symptoms (bleeding or prolonged prothrombin times), give Vitamin K<sub>1</sub> intramuscularly or orally. In severe cases, blood transfusions may be needed.

## Section 5: Fire-fighting Measures

**Extinguishing media:** Use media suitable for the surrounding fire  
**Specific fire or explosion hazards:** None known  
**Special cautions for firefighters:** Wear self-contained breathing apparatus (full facepiece) & full protective clothing. Contain runoff to prevent pollution.

## Section 6: Accidental Release Measures

**Precautions, PPE and Procedures:** Wearing PPE as specified in Section 8, isolate and contain spill. Limit access to spill area to necessary personnel. Do not allow spilled material to enter sewers, streams or other waters.  
**Methods and materials:** Scoop up spilled material and place in a closed, labeled container for use according to label instructions or disposal.

## Section 7: Handling and Storage

**Precautions for safe handling:** Read the entire product label before using this rodenticide. **Conditions for safe storage:** Store in original container in a cool, dry area out of reach of children, pets and domestic animals. Do not contaminate water, food or feed. Keep container tightly closed. Do not remove or destroy the product label.

## Section 8: Exposure Controls / Personal Protection

**Established exposure limits:** Not applicable  
**Appropriate engineering controls:** Special ventilation is not required for the normal handling and use of this product when following label instructions.

**Individual protection measures:** Wear long-sleeved shirt, long pants, shoes, socks and waterproof gloves when handling this product. Follow manufacturer's instructions for cleaning/maintaining PPE, or else wash with detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. Wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet, and change into clean clothing.

## Section 9: Physical and Chemical Properties

**Appearance:** Solid block, yellow color, raw grain odor. Odor threshold not determined.  
**Water solubility:** Negligible **pH:** Not applicable  
**Density:** 1.05 g/cc **Viscosity:** Not applicable  
**% Volatile (volume):** Not applicable **Evaporation rate:** Not applicable  
**Vapor density:** Not applicable **Vapor pressure:** Not applicable  
**Boiling point:** Not determined **Freezing point:** Not applicable  
**Flash point (ASTM D92):** >190 °C **Autoignition temp.:** Not determined  
**Flammability:** Not a flammable solid **Decomposition temp.:** Not determined  
**Explosive limits - Lower limit:** Not applicable; **Upper limit:** Not applicable  
**Partition coefficient (n-octanol/water):** Not applicable

## Section 10: Stability and Reactivity

**Reactivity:** Not reactive, not sensitive to shock or static discharge  
**Chemical stability:** Stable **Hazardous reactions:** None  
**Incompatible materials:** None **Conditions to avoid:** None  
**Hazardous decomposition products:** Oxides of carbon

## Section 11: Toxicological Information

**Likely routes of exposure:** Ingestion, skin absorption.  
**Symptoms of toxicity:** Lethargy, loss of appetite, reduced clotting ability of blood, and bleeding.  
**Eye effects/eye irritation:** Mild, transient irritant  
**Acute oral effects:** LD<sub>50</sub> (oral-rat): >5000 mg/kg  
**Acute inhalation effects:** LC<sub>50</sub> (rat, 4 hour): 200 mg/L (extrapolated)  
**Acute dermal effects:** LD<sub>50</sub> (dermal-rabbit): >2000 mg/kg  
**Skin irritation:** Non-irritating  
**Skin sensitization:** Not a skin sensitizer  
**Carcinogenicity:** No ingredient listed by NTP, IARC or OSHA

## Section 12: Ecological Information

This product is extremely toxic to birds and mammals. Do not apply this product directly to water, where surface water is present or to intertidal areas below the mean high water mark. Carefully follow label cautions and directions to reduce hazards to children, pets and non-target wildlife.

## Section 13: Disposal Considerations

**Disposal:** Wastes resulting from the use of this product according to the label instructions must be disposed of as specified on the product label.  
**RCRA waste status:** This product is not regulated as a hazardous waste under Federal law. State and local regulation may affect the disposal of this product. Consult your state or local environmental agency for disposal of waste generated other than by use according to label instructions.

## Section 14: Transport Information

**Transportation data (49 CFR):** This product is not regulated as a hazardous material for all modes of transportation within the U.S.  
**Hazard Class, Packing Group and UN ID No.:** Not applicable

## Section 15: Regulatory Information

**TSCA:** All components of this product are listed on the TSCA inventory.  
**SARA section 313:** Contains no reportable components.  
**CA Proposition 65:** Contains no substances subject to Prop 65 requirements.  
**FIFRA:** This product is registered as a pesticide with the U.S. Environmental Protection Agency. The label requirements under Federal pesticide law differ from the classification criteria and hazard information required by OSHA on this Safety Data Sheet. Read and follow all cautions, directions and use restrictions on the product label on the container.

## Section 16: Other Information

**Prepared by:** T. Schmit **Date:** 2 February 2015  
This Safety Data Sheet is believed to be accurate at time of publication. No warranty, expressed or implied, is made with regard to this information. This information may not be adequate for every application, and the user must determine the suitability of this information due to the manner or conditions of use or storage, or local regulation. ❖



# SAFETY DATA SHEET

## Section 1: Identification

**Product identifier:** Generation® Pellets  
**Other identifier(s):** EPA Registration Number 7173-205  
**Uses or restrictions:** Rodenticide with difethialone

**Manufacturer:** Liphatech, Inc.  
3600 W. Elm Street, Milwaukee, WI 53209

**Emergency phone:** 800-351-1476 Monday - Friday 8:00 am - 4:30 pm  
(US Central time zone)

**After hours:** Call CHEMTREC at 1-800-424-9300

## Section 2: Hazard Identification

**Hazard class:** Specific Target Organ Toxicity (Single exposure), Category 2; Specific Target Organ Toxicity (Repeated exposure), Category 2  
**Warning:** May cause damage to blood and reduce the clotting ability of blood if swallowed, inhaled or absorbed through skin. Do not breathe dust. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. If exposed or if you feel unwell, call a poison control center or doctor. Dispose of container and contents according to instructions on product label. Store locked up.



## Section 3: Composition / Information on Ingredients

**Hazardous ingredients:**  
Difethialone (CAS registry no. 104653-34-1) ..... 0.0025%

## Section 4: First Aid Measures

**Emergency overview:** This material may reduce the clotting ability of the blood and cause bleeding. Symptoms of toxicity include lethargy, loss of appetite, reduced clotting ability of blood, and bleeding. Have the product label with you when obtaining treatment advice.

**If swallowed:** Call a poison control center or doctor. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor.

**If inhaled:** Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration and call poison control or doctor.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin with plenty of cool water for 15-20 minutes. Call a poison control center or doctor.

**Note to Physician or Veterinarian:** Contains anticoagulant ingredient. For humans or animals ingesting bait and/or showing obvious poisoning symptoms (bleeding or prolonged prothrombin times), give Vitamin K<sub>1</sub> intramuscularly or orally. In severe cases, blood transfusions may be needed.

## Section 5: Fire-fighting Measures

**Extinguishing media:** Use media suitable for the surrounding fire  
**Specific fire or explosion hazards:** None known  
**Special cautions for firefighters:** Wear self-contained breathing apparatus (full facepiece) & full protective clothing. Contain runoff to prevent pollution.

## Section 6: Accidental Release Measures

**Precautions, PPE and Procedures:** Wearing PPE as specified in Section 8, isolate and contain spill. Limit access to spill area to necessary personnel. Do not allow spilled material to enter sewers, streams or other waters.  
**Methods and materials:** Scoop up spilled material and place in a closed, labeled container for use according to label instructions or disposal.

## Section 7: Handling and Storage

**Precautions for safe handling:** Read the entire product label before using this rodenticide. **Conditions for safe storage:** Store in original container in a cool, dry area out of reach of children, pets and domestic animals. Do not contaminate water, food or feed. Keep container tightly closed. Do not remove or destroy the product label.

## Section 8: Exposure Controls / Personal Protection

**Established exposure limits:** Not applicable  
**Appropriate engineering controls:** Special ventilation is not required for the normal handling and use of this product when following label instructions.

**Individual protection measures:** Wear long-sleeved shirt, long pants, shoes, socks and waterproof gloves when handling this product. Follow manufacturer's instructions for cleaning/maintaining PPE, or else wash with detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. Wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet, and change into clean clothing.

## Section 9: Physical and Chemical Properties

**Appearance:** Solid pellets, yellow color, raw grain odor. Odor threshold not determined.  
**Water solubility:** Negligible **pH:** Not applicable  
**Relative density:** 1.27 g/cc **Viscosity:** Not applicable  
**% Volatile (volume):** Not applicable **Evaporation rate:** Not applicable  
**Vapor density:** Not applicable **Vapor pressure:** Not applicable  
**Boiling point:** Not determined **Freezing point:** Not applicable  
**Flash point (ASTM D92):** >190 °C **Autoignition temp.:** Not determined  
**Flammability:** Not a flammable solid **Decomposition temp.:** Not determined  
**Explosive limits - Lower limit:** Not applicable; **Upper limit:** Not applicable  
**Partition coefficient (n-octanol/water):** Not applicable

## Section 10: Stability and Reactivity

**Reactivity:** Not reactive, not sensitive to shock or static discharge  
**Chemical stability:** Stable **Hazardous reactions:** None  
**Incompatible materials:** None **Conditions to avoid:** None  
**Hazardous decomposition products:** Oxides of carbon

## Section 11: Toxicological Information

**Likely routes of exposure:** Ingestion, skin absorption.  
**Symptoms of toxicity:** Lethargy, loss of appetite, reduced clotting ability of blood, and bleeding.  
**Eye effects/eye irritation:** Mild, transient irritant  
**Acute oral effects:** LD<sub>50</sub> (oral-rat): >5000 mg/kg  
**Acute inhalation effects:** LC<sub>50</sub> (rat, 4 hour): 200 mg/L (extrapolated)  
**Acute dermal effects:** LD<sub>50</sub> (dermal-rabbit): >2000 mg/kg  
**Skin irritation:** Non-irritating  
**Skin sensitization:** Not a skin sensitizer  
**Carcinogenicity:** No ingredient listed by NTP, IARC or OSHA

## Section 12: Ecological Information

This product is extremely toxic to birds and mammals. Do not apply this product directly to water, where surface water is present or to intertidal areas below the mean high water mark. Carefully follow label cautions and directions to reduce hazards to children, pets and non-target wildlife.

## Section 13: Disposal Considerations

**Disposal:** Wastes resulting from the use of this product according to the label instructions must be disposed of as specified on the product label.  
**RCRA waste status:** This product is not regulated as a hazardous waste under Federal law. State and local regulation may affect the disposal of this product. Consult your state or local environmental agency for disposal of waste generated other than by use according to label instructions.

## Section 14: Transport Information

**Transportation data (49 CFR):** This product is not regulated as a hazardous material for all modes of transportation within the U.S.  
**Hazard Class, Packing Group and UN ID No.:** Not applicable

## Section 15: Regulatory Information

**TSCA:** All components of this product are listed on the TSCA inventory.  
**SARA section 313:** Contains no reportable components.  
**CA Proposition 65:** Contains no substances subject to Prop 65 requirements.  
**FIFRA:** This product is registered as a pesticide with the U.S. Environmental Protection Agency. The label requirements under Federal pesticide law differ from the classification criteria and hazard information required by OSHA on this Safety Data Sheet. Read and follow all cautions, directions and use restrictions on the product label on the container.

## Section 16: Other Information

**Prepared by:** T. Schmit **Date:** 2 February 2015  
This Safety Data Sheet is believed to be accurate at time of publication. No warranty, expressed or implied, is made with regard to this information. This information may not be adequate for every application, and the user must determine the suitability of this information due to the manner or conditions of use or storage, or local regulation. ❖



# SAFETY DATA SHEET

## Section 1: Identification

**Product identifier:** Generation® Pellets Place Packs  
**Other identifier(s):** EPA Registration Number 7173-211  
**Uses or restrictions:** Rodenticide with difethialone

**Manufacturer:** Liphatech, Inc.  
3600 W. Elm Street, Milwaukee, WI 53209

**Emergency phone:** 800-351-1476 Monday - Friday 8:00 am - 4:30 pm  
(US Central time zone)

**After hours:** Call CHEMTREC at 1-800-424-9300

## Section 2: Hazard Identification

**Hazard class:** Specific Target Organ Toxicity (Single exposure), Category 2; Specific Target Organ Toxicity (Repeated exposure), Category 2  
**Warning:** May cause damage to blood and reduce the clotting ability of blood if swallowed, inhaled or absorbed through skin. Do not breathe dust. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. If exposed or if you feel unwell, call a poison control center or doctor. Dispose of container and contents according to instructions on product label. Store locked up.



## Section 3: Composition / Information on Ingredients

**Hazardous ingredients:**  
Difethialone (CAS registry no. 104653-34-1) ..... 0.0025%

## Section 4: First Aid Measures

**Emergency overview:** This material may reduce the clotting ability of the blood and cause bleeding. Symptoms of toxicity include lethargy, loss of appetite, reduced clotting ability of blood, and bleeding. Have the product label with you when obtaining treatment advice.

**If swallowed:** Call a poison control center or doctor. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor.

**If inhaled:** Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration and call poison control or doctor.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin with plenty of cool water for 15-20 minutes. Call a poison control center or doctor.

**Note to Physician or Veterinarian:** Contains anticoagulant ingredient. For humans or animals ingesting bait and/or showing obvious poisoning symptoms (bleeding or prolonged prothrombin times), give Vitamin K<sub>1</sub> intramuscularly or orally. In severe cases, blood transfusions may be needed.

## Section 5: Fire-fighting Measures

**Extinguishing media:** Use media suitable for the surrounding fire  
**Specific fire or explosion hazards:** None known  
**Special cautions for firefighters:** Wear self-contained breathing apparatus (full facepiece) & full protective clothing. Contain runoff to prevent pollution.

## Section 6: Accidental Release Measures

**Precautions, PPE and Procedures:** Wearing PPE as specified in Section 8, isolate and contain spill. Limit access to spill area to necessary personnel. Do not allow spilled material to enter sewers, streams or other waters.  
**Methods and materials:** Scoop up spilled material and place in a closed, labeled container for use according to label instructions or disposal.

## Section 7: Handling and Storage

**Precautions for safe handling:** Read the entire product label before using this rodenticide. **Conditions for safe storage:** Store in original container in a cool, dry area out of reach of children, pets and domestic animals. Do not contaminate water, food or feed. Keep container tightly closed. Do not remove or destroy the product label.

## Section 8: Exposure Controls / Personal Protection

**Established exposure limits:** Not applicable  
**Appropriate engineering controls:** Special ventilation is not required for the normal handling and use of this product when following label instructions.

**Individual protection measures:** Wear long-sleeved shirt, long pants, shoes, socks and waterproof gloves when handling this product. Follow manufacturer's instructions for cleaning/maintaining PPE, or else wash with detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. Wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet, and change into clean clothing.

## Section 9: Physical and Chemical Properties

**Appearance:** Solid pellets, yellow color, raw grain odor. Odor threshold not determined.  
**Water solubility:** Negligible **pH:** Not applicable  
**Relative density:** 1.27 g/cc **Viscosity:** Not applicable  
**% Volatile (volume):** Not applicable **Evaporation rate:** Not applicable  
**Vapor density:** Not applicable **Vapor pressure:** Not applicable  
**Boiling point:** Not determined **Freezing point:** Not applicable  
**Flash point (ASTM D92):** >190 °C **Autoignition temp.:** Not determined  
**Flammability:** Not a flammable solid **Decomposition temp.:** Not determined  
**Explosive limits - Lower limit:** Not applicable; **Upper limit:** Not applicable  
**Partition coefficient (n-octanol/water):** Not applicable

## Section 10: Stability and Reactivity

**Reactivity:** Not reactive, not sensitive to shock or static discharge  
**Chemical stability:** Stable **Hazardous reactions:** None  
**Incompatible materials:** None **Conditions to avoid:** None  
**Hazardous decomposition products:** Oxides of carbon

## Section 11: Toxicological Information

**Likely routes of exposure:** Ingestion, skin absorption.  
**Symptoms of toxicity:** Lethargy, loss of appetite, reduced clotting ability of blood, and bleeding.  
**Eye effects/eye irritation:** Mild, transient irritant  
**Acute oral effects:** LD<sub>50</sub> (oral-rat): >5000 mg/kg  
**Acute inhalation effects:** LC<sub>50</sub> (rat, 4 hour): 200 mg/L (extrapolated)  
**Acute dermal effects:** LD<sub>50</sub> (dermal-rabbit): >2000 mg/kg  
**Skin irritation:** Non-irritating  
**Skin sensitization:** Not a skin sensitizer  
**Carcinogenicity:** No ingredient listed by NTP, IARC or OSHA

## Section 12: Ecological Information

This product is extremely toxic to birds and mammals. Do not apply this product directly to water, where surface water is present or to intertidal areas below the mean high water mark. Carefully follow label cautions and directions to reduce hazards to children, pets and non-target wildlife.

## Section 13: Disposal Considerations

**Disposal:** Wastes resulting from the use of this product according to the label instructions must be disposed of as specified on the product label.  
**RCRA waste status:** This product is not regulated as a hazardous waste under Federal law. State and local regulation may affect the disposal of this product. Consult your state or local environmental agency for disposal of waste generated other than by use according to label instructions.

## Section 14: Transport Information

**Transportation data (49 CFR):** This product is not regulated as a hazardous material for all modes of transportation within the U.S.  
**Hazard Class, Packing Group and UN ID No.:** Not applicable

## Section 15: Regulatory Information

**TSCA:** All components of this product are listed on the TSCA inventory.  
**SARA section 313:** Contains no reportable components.  
**CA Proposition 65:** Contains no substances subject to Prop 65 requirements.  
**FIFRA:** This product is registered as a pesticide with the U.S. Environmental Protection Agency. The label requirements under Federal pesticide law differ from the classification criteria and hazard information required by OSHA on this Safety Data Sheet. Read and follow all cautions, directions and use restrictions on the product label on the container.

## Section 16: Other Information

**Prepared by:** T. Schmit **Date:** 2 February 2015  
This Safety Data Sheet is believed to be accurate at time of publication. No warranty, expressed or implied, is made with regard to this information. This information may not be adequate for every application, and the user must determine the suitability of this information due to the manner or conditions of use or storage, or local regulation. ❖

# SAFETY DATA SHEET

## Section 1: Identification

**Product identifier:** Generation® BlueMax Mini Blocks  
**Other identifier(s):** EPA Registration Number 7173-288  
**Uses or restrictions:** Rodenticide with difethialone

**Manufacturer:** Liphatec, Inc.  
3600 W. Elm Street, Milwaukee, WI 53209

**Emergency phone:** 800-351-1476 Monday - Friday 8:00 am - 4:30 pm  
(US Central time zone)

**After hours:** Call CHEMTREC at 1-800-424-9300

## Section 2: Hazard Identification

**Hazard class:** Specific Target Organ Toxicity (Single exposure), Category 2; Specific Target Organ Toxicity (Repeated exposure), Category 2  
**Warning:** May cause damage to blood and reduce the clotting ability of blood if swallowed, inhaled or absorbed through skin. Do not breathe dust. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. If exposed or if you feel unwell, call a poison control center or doctor. Dispose of container and contents according to instructions on product label. Store locked up.



## Section 3: Composition / Information on Ingredients

**Hazardous ingredients:**  
Difethialone (CAS registry no. 104653-34-1) ..... 0.0025%

## Section 4: First Aid Measures

**Emergency overview:** This material may reduce the clotting ability of the blood and cause bleeding. Symptoms of toxicity include lethargy, loss of appetite, reduced clotting ability of blood, and bleeding. Have the product label with you when obtaining treatment advice.

**If swallowed:** Call a poison control center or doctor. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor.

**If inhaled:** Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration and call poison control or doctor.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin with plenty of cool water for 15-20 minutes. Call a poison control center or doctor.

**Note to Physician or Veterinarian:** Contains anticoagulant ingredient. For humans or animals ingesting bait and/or showing obvious poisoning symptoms (bleeding or prolonged prothrombin times), give Vitamin K<sub>1</sub> intramuscularly or orally. In severe cases, blood transfusions may be needed.

## Section 5: Fire-fighting Measures

**Extinguishing media:** Use media suitable for the surrounding fire

**Specific fire or explosion hazards:** None known

**Special cautions for firefighters:** Wear self-contained breathing apparatus (full facepiece) & full protective clothing. Contain runoff to prevent pollution.

## Section 6: Accidental Release Measures

**Precautions, PPE and Procedures:** Wearing PPE as specified in Section 8, isolate and contain spill. Limit access to spill area to necessary personnel. Do not allow spilled material to enter sewers, streams or other waters.

**Methods and materials:** Scoop up spilled material and place in a closed, labeled container for use according to label instructions or disposal.

## Section 7: Handling and Storage

**Precautions for safe handling:** Read the entire product label before using this rodenticide. **Conditions for safe storage:** Store in original container in a cool, dry area out of reach of children, pets and domestic animals. Do not contaminate water, food or feed. Keep container tightly closed. Do not remove or destroy the product label.

## Section 8: Exposure Controls / Personal Protection

**Established exposure limits:** Not applicable

**Appropriate engineering controls:** Special ventilation is not required for the normal handling and use of this product when following label instructions.

**Individual protection measures:** Wear long-sleeved shirt, long pants, shoes, socks and waterproof gloves when handling this product. Follow manufacturer's instructions for cleaning/maintaining PPE, or else wash with detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. Wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet, and change into clean clothing.

## Section 9: Physical and Chemical Properties

**Appearance:** Solid block, blue color, raw grain odor. Odor threshold not determined.

**Water solubility:** Negligible

**pH:** Not applicable

**Relative density:** 1.1 g/cc

**Viscosity:** Not applicable

**% Volatile (volume):** Not applicable

**Evaporation rate:** Not applicable

**Vapor density:** Not applicable

**Vapor pressure:** Not applicable

**Boiling point:** Not determined

**Freezing point:** Not applicable

**Flash point (ASTM D92):** >190 °C

**Autoignition temp.:** Not determined

**Flammability:** Not a flammable solid

**Decomposition temp.:** Not determined

**Explosive limits - Lower limit:** Not applicable; Upper limit: Not applicable

**Partition coefficient (n-octanol/water):** Not applicable

## Section 10: Stability and Reactivity

**Reactivity:** Not reactive, not sensitive to shock or static discharge

**Chemical stability:** Stable

**Hazardous reactions:** None

**Incompatible materials:** None

**Conditions to avoid:** None

**Hazardous decomposition products:** Oxides of carbon

## Section 11: Toxicological Information

**Likely routes of exposure:** Ingestion, skin absorption.

**Symptoms of toxicity:** Lethargy, loss of appetite, reduced clotting ability of blood, and bleeding.

**Eye effects/eye irritation:** Mild, transient irritant

**Acute oral effects:** LD<sub>50</sub> (oral-rat): >5000 mg/kg

**Acute inhalation effects:** LC<sub>50</sub> (rat, 4 hour): 200 mg/L (extrapolated)

**Acute dermal effects:** LD<sub>50</sub> (dermal-rabbit): >2000 mg/kg

**Skin irritation:** Non-irritating

**Skin sensitization:** Not a skin sensitizer

**Carcinogenicity:** No ingredient listed by NTP, IARC or OSHA

## Section 12: Ecological Information

This product is extremely toxic to birds and mammals. Do not apply this product directly to water, where surface water is present or to intertidal areas below the mean high water mark. Carefully follow label cautions and directions to reduce hazards to children, pets and non-target wildlife.

## Section 13: Disposal Considerations

**Disposal:** Wastes resulting from the use of this product according to the label instructions must be disposed of as specified on the product label.

**RCRA waste status:** This product is not regulated as a hazardous waste under Federal law. State and local regulation may affect the disposal of this product. Consult your state or local environmental agency for disposal of waste generated other than by use according to label instructions.

## Section 14: Transport Information

**Transportation data (49 CFR):** This product is not regulated as a hazardous material for all modes of transportation within the U.S.

**Hazard Class, Packing Group and UN ID No.:** Not applicable

## Section 15: Regulatory Information

**TSCA:** All components of this product are listed on the TSCA inventory.

**SARA section 313:** Contains no reportable components.

**CA Proposition 65:** Contains no substances subject to Prop 65 requirements.

**FIFRA:** This product is registered as a pesticide with the U.S. Environmental Protection Agency. The label requirements under Federal pesticide law differ from the classification criteria and hazard information required by OSHA on this Safety Data Sheet. Read and follow all cautions, directions and use restrictions on the product label on the container.

## Section 16: Other Information

**Prepared by:** T. Schmit

**Date:** 2 February 2015

This Safety Data Sheet is believed to be accurate at time of publication. No warranty, expressed or implied, is made with regard to this information. This information may not be adequate for every application, and the user must determine the suitability of this information due to the manner or conditions of use or storage, or local regulation. ❖

# SAFETY DATA SHEET

## Section 1: Identification

**Product identifier:** Generation® BlueMax Meal Bait  
**Other identifier(s):** EPA Registration Number 7173-238  
**Uses or restrictions:** Rodenticide with difethialone

**Manufacturer:** Liphatec, Inc.  
3600 W. Elm Street, Milwaukee, WI 53209

**Emergency phone:** 800-351-1476 Monday - Friday 8:00 am - 4:30 pm  
(US Central time zone)

**After hours:** Call CHEMTREC at 1-800-424-9300

## Section 2: Hazard Identification

**Hazard class:** Specific Target Organ Toxicity (Single exposure), Category 2; Specific Target Organ Toxicity (Repeated exposure), Category 2  
**Warning:** May cause damage to blood and reduce the clotting ability of blood if swallowed, inhaled or absorbed through skin. Do not breathe dust. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. If exposed or if you feel unwell, call a poison control center or doctor. Dispose of container and contents according to instructions on product label. Store locked up.



## Section 3: Composition / Information on Ingredients

**Hazardous ingredients:**  
Difethialone (CAS registry no. 104653-34-1) ..... 0.0025%

## Section 4: First Aid Measures

**Emergency overview:** This material may reduce the clotting ability of the blood and cause bleeding. Symptoms of toxicity include lethargy, loss of appetite, reduced clotting ability of blood, and bleeding. Have the product label with you when obtaining treatment advice.

**If swallowed:** Call a poison control center or doctor. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor.

**If inhaled:** Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration and call poison control or doctor.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin with plenty of cool water for 15-20 minutes. Call a poison control center or doctor.

**Note to Physician or Veterinarian:** Contains anticoagulant ingredient. For humans or animals ingesting bait and/or showing obvious poisoning symptoms (bleeding or prolonged prothrombin times), give Vitamin K<sub>1</sub> intramuscularly or orally. In severe cases, blood transfusions may be needed.

## Section 5: Fire-fighting Measures

**Extinguishing media:** Use media suitable for the surrounding fire  
**Specific fire or explosion hazards:** None known  
**Special cautions for firefighters:** Wear self-contained breathing apparatus (full facepiece) & full protective clothing. Contain runoff to prevent pollution.

## Section 6: Accidental Release Measures

**Precautions, PPE and Procedures:** Wearing PPE as specified in Section 8, isolate and contain spill. Limit access to spill area to necessary personnel. Do not allow spilled material to enter sewers, streams or other waters.  
**Methods and materials:** Scoop up spilled material and place in a closed, labeled container for use according to label instructions or disposal.

## Section 7: Handling and Storage

**Precautions for safe handling:** Read the entire product label before using this rodenticide. **Conditions for safe storage:** Store in original container in a cool, dry area out of reach of children, pets and domestic animals. Do not contaminate water, food or feed. Keep container tightly closed. Do not remove or destroy the product label.

## Section 8: Exposure Controls / Personal Protection

**Established exposure limits:** Not applicable  
**Appropriate engineering controls:** Special ventilation is not required for the normal handling and use of this product when following label instructions.

**Individual protection measures:** Wear long-sleeved shirt, long pants, shoes, socks and waterproof gloves when handling this product. Follow manufacturer's instructions for cleaning/maintaining PPE, or else wash with detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. Wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet, and change into clean clothing.

## Section 9: Physical and Chemical Properties

**Appearance:** Coarse meal, blue color, raw grain odor. Odor threshold not determined.  
**Water solubility:** Negligible **pH:** Not applicable  
**Relative density:** 0.74 g/cc **Viscosity:** Not applicable  
**% Volatile (volume):** Not applicable **Evaporation rate:** Not applicable  
**Vapor density:** Not applicable **Vapor pressure:** Not applicable  
**Boiling point:** Not determined **Freezing point:** Not applicable  
**Flash point (ASTM D92):** >103 °C **Autoignition temp.:** Not determined  
**Flammability:** Not a flammable solid **Decomposition temp.:** Not determined  
**Explosive limits - Lower limit:** Not applicable; **Upper limit:** Not applicable  
**Partition coefficient (n-octanol/water):** Not applicable

## Section 10: Stability and Reactivity

**Reactivity:** Not reactive, not sensitive to shock or static discharge  
**Chemical stability:** Stable **Hazardous reactions:** None  
**Incompatible materials:** None **Conditions to avoid:** None  
**Hazardous decomposition products:** Oxides of carbon

## Section 11: Toxicological Information

**Likely routes of exposure:** Ingestion, skin absorption.  
**Symptoms of toxicity:** Lethargy, loss of appetite, reduced clotting ability of blood, and bleeding.  
**Eye effects/eye irritation:** Mild, transient irritant  
**Acute oral effects:** LD<sub>50</sub> (oral-rat): >5000 mg/kg  
**Acute inhalation effects:** LC<sub>50</sub> (rat, 4 hour): 200 mg/L (extrapolated)  
**Acute dermal effects:** LD<sub>50</sub> (dermal-rabbit): >2000 mg/kg  
**Skin irritation:** Non-irritating  
**Skin sensitization:** Not a skin sensitizer  
**Carcinogenicity:** No ingredient listed by NTP, IARC or OSHA

## Section 12: Ecological Information

This product is extremely toxic to birds and mammals. Do not apply this product directly to water, where surface water is present or to intertidal areas below the mean high water mark. Carefully follow label cautions and directions to reduce hazards to children, pets and non-target wildlife.

## Section 13: Disposal Considerations

**Disposal:** Wastes resulting from the use of this product according to the label instructions must be disposed of as specified on the product label.  
**RCRA waste status:** This product is not regulated as a hazardous waste under Federal law. State and local regulation may affect the disposal of this product. Consult your state or local environmental agency for disposal of waste generated other than by use according to label instructions.

## Section 14: Transport Information

**Transportation data (49 CFR):** This product is not regulated as a hazardous material for all modes of transportation within the U.S.  
**Hazard Class, Packing Group and UN ID No.:** Not applicable

## Section 15: Regulatory Information

**TSCA:** All components of this product are listed on the TSCA inventory.  
**SARA section 313:** Contains no reportable components.  
**CA Proposition 65:** Contains no substances subject to Prop 65 requirements.  
**FIFRA:** This product is registered as a pesticide with the U.S. Environmental Protection Agency. The label requirements under Federal pesticide law differ from the classification criteria and hazard information required by OSHA on this Safety Data Sheet. Read and follow all cautions, directions and use restrictions on the product label on the container.

## Section 16: Other Information

**Prepared by:** T. Schmit **Date:** 2 February 2015  
This Safety Data Sheet is believed to be accurate at time of publication. No warranty, expressed or implied, is made with regard to this information. This information may not be adequate for every application, and the user must determine the suitability of this information due to the manner or conditions of use or storage, or local regulation. ❖



# SAFETY DATA SHEET

## Section 1: Identification

**Product identifier:** Maki® Mini Blocks  
**Other identifier(s):** EPA Registration Number 7173-202  
**Uses or restrictions:** Rodenticide with bromadiolone

**Manufacturer:** Liphatech, Inc.  
3600 W. Elm Street, Milwaukee, WI 53209

**Emergency phone:** 800-351-1476 Monday - Friday 8:00 am - 4:30 pm  
(US Central time zone)

**After hours:** Call CHEMTREC at 1-800-424-9300

## Section 2: Hazard Identification

**Hazard class:** Specific Target Organ Toxicity (Single exposure), Category 2; Specific Target Organ Toxicity (Repeated exposure), Category 2  
**Warning:** May cause damage to blood and reduce the clotting ability of blood if swallowed, inhaled or absorbed through skin. Do not breathe dust. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. If exposed or if you feel unwell, call a poison control center or doctor. Dispose of container and contents according to instructions on product label. Store locked up.



## Section 3: Composition / Information on Ingredients

**Hazardous ingredients:**  
Bromadiolone (CAS registry no. 28772-56-7) ..... 0.005%

## Section 4: First Aid Measures

**Emergency overview:** This material may reduce the clotting ability of the blood and cause bleeding. Symptoms of toxicity include lethargy, loss of appetite, reduced clotting ability of blood, and bleeding. Have the product label with you when obtaining treatment advice.

**If swallowed:** Call a poison control center or doctor. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor.

**If inhaled:** Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration and call poison control or doctor.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin with plenty of cool water for 15-20 minutes. Call a poison control center or doctor.

**Note to Physician or Veterinarian:** Contains anticoagulant ingredient. For humans or animals ingesting bait and/or showing obvious poisoning symptoms (bleeding or prolonged prothrombin times), give Vitamin K<sub>1</sub> intramuscularly or orally. In severe cases, blood transfusions may be needed.

## Section 5: Fire-fighting Measures

**Extinguishing media:** Use media suitable for the surrounding fire  
**Specific fire or explosion hazards:** None known  
**Special cautions for firefighters:** Wear self-contained breathing apparatus (full facepiece) & full protective clothing. Contain runoff to prevent pollution.

## Section 6: Accidental Release Measures

**Precautions, PPE and Procedures:** Wearing PPE as specified in Section 8, isolate and contain spill. Limit access to spill area to necessary personnel. Do not allow spilled material to enter sewers, streams or other waters.  
**Methods and materials:** Scoop up spilled material and place in a closed, labeled container for use according to label instructions or disposal.

## Section 7: Handling and Storage

**Precautions for safe handling:** Read the entire product label before using this rodenticide. **Conditions for safe storage:** Store in original container in a cool, dry area out of reach of children, pets and domestic animals. Do not contaminate water, food or feed. Keep container tightly closed. Do not remove or destroy the product label.

## Section 8: Exposure Controls / Personal Protection

**Established exposure limits:** Not applicable  
**Appropriate engineering controls:** Special ventilation is not required for the normal handling and use of this product when following label instructions.

**Individual protection measures:** Wear long-sleeved shirt, long pants, shoes, socks and waterproof gloves when handling this product. Follow manufacturer's instructions for cleaning/maintaining PPE, or else wash with detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. Wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet, and change into clean clothing.

## Section 9: Physical and Chemical Properties

**Appearance:** Solid blocks, tan or green color, raw grain odor. Odor threshold not determined.  
**Water solubility:** Negligible **pH:** Not applicable  
**Relative density:** 1.12 g/cc **Viscosity:** Not applicable  
**% Volatile (volume):** Not applicable **Evaporation rate:** Not applicable  
**Vapor density:** Not applicable **Vapor pressure:** Not applicable  
**Boiling point:** Not determined **Freezing point:** Not applicable  
**Flash point (ASTM D92):** >190 °C **Autoignition temp.:** Not determined  
**Flammability:** Not a flammable solid **Decomposition temp.:** Not determined  
**Explosive limits - Lower limit:** Not applicable; **Upper limit:** Not applicable  
**Partition coefficient (n-octanol/water):** Not applicable

## Section 10: Stability and Reactivity

**Reactivity:** Not reactive, not sensitive to shock or static discharge  
**Chemical stability:** Stable **Hazardous reactions:** None  
**Incompatible materials:** None **Conditions to avoid:** None  
**Hazardous decomposition products:** Oxides of carbon

## Section 11: Toxicological Information

**Likely routes of exposure:** Ingestion, skin absorption.  
**Symptoms of toxicity:** Lethargy, loss of appetite, reduced clotting ability of blood, and bleeding.  
**Eye effects/eye irritation:** Mild, transient irritant  
**Acute oral effects:** LD<sub>50</sub> (oral-rat): >5000 mg/kg  
**Acute inhalation effects:** LC<sub>50</sub> (rat, 4 hour): 8.6 mg/L (extrapolated)  
**Acute dermal effects:** LD<sub>50</sub> (dermal-rabbit): >2000 mg/kg  
**Skin irritation:** Non-irritating  
**Skin sensitization:** Not a skin sensitizer  
**Carcinogenicity:** No ingredient listed by NTP, IARC or OSHA

## Section 12: Ecological Information

This product is extremely toxic to birds and mammals. Do not apply this product directly to water, where surface water is present or to intertidal areas below the mean high water mark. Carefully follow label cautions and directions to reduce hazards to children, pets and non-target wildlife.

## Section 13: Disposal Considerations

**Disposal:** Wastes resulting from the use of this product according to the label instructions must be disposed of as specified on the product label.  
**RCRA waste status:** This product is not regulated as a hazardous waste under Federal law. State and local regulation may affect the disposal of this product. Consult your state or local environmental agency for disposal of waste generated other than by use according to label instructions.

## Section 14: Transport Information

**Transportation data (49 CFR):** This product is not regulated as a hazardous material for all modes of transportation within the U.S.  
**Hazard Class, Packing Group and UN ID No.:** Not applicable

## Section 15: Regulatory Information

**TSCA:** All components of this product are listed on the TSCA inventory.  
**SARA section 313:** Contains no reportable components.  
**CA Proposition 65:** Contains no substances subject to Prop 65 requirements.  
**FIFRA:** This product is registered as a pesticide with the U.S. Environmental Protection Agency. The label requirements under Federal pesticide law differ from the classification criteria and hazard information required by OSHA on this Safety Data Sheet. Read and follow all cautions, directions and use restrictions on the product label on the container.

## Section 16: Other Information

**Prepared by:** T. Schmit **Date:** 2 February 2015  
This Safety Data Sheet is believed to be accurate at time of publication. No warranty, expressed or implied, is made with regard to this information. This information may not be adequate for every application, and the user must determine the suitability of this information due to the manner or conditions of use or storage, or local regulation. ❖



# SAFETY DATA SHEET

## Section 1: Identification

**Product identifier:** Maki® Paraffin Blocks  
**Other identifier(s):** EPA Registration Number 7173-189  
**Uses or restrictions:** Rodenticide with bromadiolone

**Manufacturer:** Liphatech, Inc.  
3600 W. Elm Street, Milwaukee, WI 53209

**Emergency phone:** 800-351-1476 Monday - Friday 8:00 am - 4:30 pm  
(US Central time zone)

**After hours:** Call CHEMTREC at 1-800-424-9300

## Section 2: Hazard Identification

**Hazard class:** Specific Target Organ Toxicity (Single exposure), Category 2; Specific Target Organ Toxicity (Repeated exposure), Category 2  
**Warning:** May cause damage to blood and reduce the clotting ability of blood if swallowed, inhaled or absorbed through skin. Do not breathe dust. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. If exposed or if you feel unwell, call a poison control center or doctor. Dispose of container and contents according to instructions on product label. Store locked up.



## Section 3: Composition / Information on Ingredients

**Hazardous ingredients:**  
Bromadiolone (CAS registry no. 28772-56-7) ..... 0.005%

## Section 4: First Aid Measures

**Emergency overview:** This material may reduce the clotting ability of the blood and cause bleeding. Symptoms of toxicity include lethargy, loss of appetite, reduced clotting ability of blood, and bleeding. Have the product label with you when obtaining treatment advice.

**If swallowed:** Call a poison control center or doctor. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor.

**If inhaled:** Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration and call poison control or doctor.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin with plenty of cool water for 15-20 minutes. Call a poison control center or doctor.

**Note to Physician or Veterinarian:** Contains anticoagulant ingredient. For humans or animals ingesting bait and/or showing obvious poisoning symptoms (bleeding or prolonged prothrombin times), give Vitamin K<sub>1</sub> intramuscularly or orally. In severe cases, blood transfusions may be needed.

## Section 5: Fire-fighting Measures

**Extinguishing media:** Use media suitable for the surrounding fire  
**Specific fire or explosion hazards:** None known  
**Special cautions for firefighters:** Wear self-contained breathing apparatus (full facepiece) & full protective clothing. Contain runoff to prevent pollution.

## Section 6: Accidental Release Measures

**Precautions, PPE and Procedures:** Wearing PPE as specified in Section 8, isolate and contain spill. Limit access to spill area to necessary personnel. Do not allow spilled material to enter sewers, streams or other waters.  
**Methods and materials:** Scoop up spilled material and place in a closed, labeled container for use according to label instructions or disposal.

## Section 7: Handling and Storage

**Precautions for safe handling:** Read the entire product label before using this rodenticide. **Conditions for safe storage:** Store in original container in a cool, dry area out of reach of children, pets and domestic animals. Do not contaminate water, food or feed. Keep container tightly closed. Do not remove or destroy the product label.

## Section 8: Exposure Controls / Personal Protection

**Established exposure limits:** Not applicable  
**Appropriate engineering controls:** Special ventilation is not required for the normal handling and use of this product when following label instructions.

**Individual protection measures:** Wear long-sleeved shirt, long pants, shoes, socks and waterproof gloves when handling this product. Follow manufacturer's instructions for cleaning/maintaining PPE, or else wash with detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. Wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet, and change into clean clothing.

## Section 9: Physical and Chemical Properties

**Appearance:** Solid blocks, green color, raw grain odor. Odor threshold not determined.  
**Water solubility:** Negligible **pH:** Not applicable  
**Relative density:** 1.08 g/cc **Viscosity:** Not applicable  
**% Volatile (volume):** Not applicable **Evaporation rate:** Not applicable  
**Vapor density:** Not applicable **Vapor pressure:** Not applicable  
**Boiling point:** Not determined **Freezing point:** Not applicable  
**Flash point (ASTM D92):** >190 °C **Autoignition temp.:** Not determined  
**Flammability:** Not a flammable solid **Decomposition temp.:** Not determined  
**Explosive limits - Lower limit:** Not applicable; **Upper limit:** Not applicable  
**Partition coefficient (n-octanol/water):** Not applicable

## Section 10: Stability and Reactivity

**Reactivity:** Not reactive, not sensitive to shock or static discharge  
**Chemical stability:** Stable **Hazardous reactions:** None  
**Incompatible materials:** None **Conditions to avoid:** None  
**Hazardous decomposition products:** Oxides of carbon

## Section 11: Toxicological Information

**Likely routes of exposure:** Ingestion, skin absorption.  
**Symptoms of toxicity:** Lethargy, loss of appetite, reduced clotting ability of blood, and bleeding.  
**Eye effects/eye irritation:** Mild, transient irritant  
**Acute oral effects:** LD<sub>50</sub> (oral-rat): >5000 mg/kg  
**Acute inhalation effects:** LC<sub>50</sub> (rat, 4 hour): 8.6 mg/L (extrapolated)  
**Acute dermal effects:** LD<sub>50</sub> (dermal-rabbit): >2000 mg/kg  
**Skin irritation:** Non-irritating  
**Skin sensitization:** Not a skin sensitizer  
**Carcinogenicity:** No ingredient listed by NTP, IARC or OSHA

## Section 12: Ecological Information

This product is extremely toxic to birds and mammals. Do not apply this product directly to water, where surface water is present or to intertidal areas below the mean high water mark. Carefully follow label cautions and directions to reduce hazards to children, pets and non-target wildlife.

## Section 13: Disposal Considerations

**Disposal:** Wastes resulting from the use of this product according to the label instructions must be disposed of as specified on the product label.  
**RCRA waste status:** This product is not regulated as a hazardous waste under Federal law. State and local regulation may affect the disposal of this product. Consult your state or local environmental agency for disposal of waste generated other than by use according to label instructions.

## Section 14: Transport Information

**Transportation data (49 CFR):** This product is not regulated as a hazardous material for all modes of transportation within the U.S.  
**Hazard Class, Packing Group and UN ID No.:** Not applicable

## Section 15: Regulatory Information

**TSCA:** All components of this product are listed on the TSCA inventory.  
**SARA section 313:** Contains no reportable components.  
**CA Proposition 65:** Contains no substances subject to Prop 65 requirements.  
**FIFRA:** This product is registered as a pesticide with the U.S. Environmental Protection Agency. The label requirements under Federal pesticide law differ from the classification criteria and hazard information required by OSHA on this Safety Data Sheet. Read and follow all cautions, directions and use restrictions on the product label on the container.

## Section 16: Other Information

**Prepared by:** T. Schmit **Date:** 2 February 2015  
This Safety Data Sheet is believed to be accurate at time of publication. No warranty, expressed or implied, is made with regard to this information. This information may not be adequate for every application, and the user must determine the suitability of this information due to the manner or conditions of use or storage, or local regulation. ❖

# SAFETY DATA SHEET

## Section 1: Identification

**Product identifier:** Maki® Paraffinized Pellets  
**Other identifier(s):** EPA Registration Number 7173-187  
**Uses or restrictions:** Rodenticide with bromadiolone

**Manufacturer:** Liphatech, Inc.  
3600 W. Elm Street, Milwaukee, WI 53209

**Emergency phone:** 800-351-1476 Monday - Friday 8:00 am - 4:30 pm  
(US Central time zone)

**After hours:** Call CHEMTREC at 1-800-424-9300

## Section 2: Hazard Identification

**Hazard class:** Specific Target Organ Toxicity (Single exposure), Category 2; Specific Target Organ Toxicity (Repeated exposure), Category 2  
**Warning:** May cause damage to blood and reduce the clotting ability of blood if swallowed, inhaled or absorbed through skin. Do not breathe dust. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. If exposed or if you feel unwell, call a poison control center or doctor. Dispose of container and contents according to instructions on product label. Store locked up.



## Section 3: Composition / Information on Ingredients

**Hazardous ingredients:**  
Bromadiolone (CAS registry no. 28772-56-7) ..... 0.005%

## Section 4: First Aid Measures

**Emergency overview:** This material may reduce the clotting ability of the blood and cause bleeding. Symptoms of toxicity include lethargy, loss of appetite, reduced clotting ability of blood, and bleeding. Have the product label with you when obtaining treatment advice.

**If swallowed:** Call a poison control center or doctor. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor.

**If inhaled:** Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration and call poison control or doctor.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin with plenty of cool water for 15-20 minutes. Call a poison control center or doctor.

**Note to Physician or Veterinarian:** Contains anticoagulant ingredient. For humans or animals ingesting bait and/or showing obvious poisoning symptoms (bleeding or prolonged prothrombin times), give Vitamin K<sub>1</sub> intramuscularly or orally. In severe cases, blood transfusions may be needed.

## Section 5: Fire-fighting Measures

**Extinguishing media:** Use media suitable for the surrounding fire  
**Specific fire or explosion hazards:** None known  
**Special cautions for firefighters:** Wear self-contained breathing apparatus (full facepiece) & full protective clothing. Contain runoff to prevent pollution.

## Section 6: Accidental Release Measures

**Precautions, PPE and Procedures:** Wearing PPE as specified in Section 8, isolate and contain spill. Limit access to spill area to necessary personnel. Do not allow spilled material to enter sewers, streams or other waters.  
**Methods and materials:** Scoop up spilled material and place in a closed, labeled container for use according to label instructions or disposal.

## Section 7: Handling and Storage

**Precautions for safe handling:** Read the entire product label before using this rodenticide. **Conditions for safe storage:** Store in original container in a cool, dry area out of reach of children, pets and domestic animals. Do not contaminate water, food or feed. Keep container tightly closed. Do not remove or destroy the product label.

## Section 8: Exposure Controls / Personal Protection

**Established exposure limits:** Not applicable  
**Appropriate engineering controls:** Special ventilation is not required for the normal handling and use of this product when following label instructions.

**Individual protection measures:** Wear long-sleeved shirt, long pants, shoes, socks and waterproof gloves when handling this product. Follow manufacturer's instructions for cleaning/maintaining PPE, or else wash with detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. Wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet, and change into clean clothing.

## Section 9: Physical and Chemical Properties

**Appearance:** Solid pellets, green color, raw grain odor. Odor threshold not determined.  
**Water solubility:** Negligible **pH:** Not applicable  
**Relative density:** 1.27 g/cc **Viscosity:** Not applicable  
**% Volatile (volume):** Not applicable **Evaporation rate:** Not applicable  
**Vapor density:** Not applicable **Vapor pressure:** Not applicable  
**Boiling point:** Not determined **Freezing point:** Not applicable  
**Flash point (ASTM D92):** >190 °C **Autoignition temp.:** Not determined  
**Flammability:** Not a flammable solid **Decomposition temp.:** Not determined  
**Explosive limits - Lower limit:** Not applicable; **Upper limit:** Not applicable  
**Partition coefficient (n-octanol/water):** Not applicable

## Section 10: Stability and Reactivity

**Reactivity:** Not reactive, not sensitive to shock or static discharge  
**Chemical stability:** Stable **Hazardous reactions:** None  
**Incompatible materials:** None **Conditions to avoid:** None  
**Hazardous decomposition products:** Oxides of carbon

## Section 11: Toxicological Information

**Likely routes of exposure:** Ingestion, skin absorption.  
**Symptoms of toxicity:** Lethargy, loss of appetite, reduced clotting ability of blood, and bleeding.  
**Eye effects/eye irritation:** Mild, transient irritant  
**Acute oral effects:** LD<sub>50</sub> (oral-rat): >5000 mg/kg  
**Acute inhalation effects:** LC<sub>50</sub> (rat, 4 hour): 8.6 mg/L (extrapolated)  
**Acute dermal effects:** LD<sub>50</sub> (dermal-rabbit): >2000 mg/kg  
**Skin irritation:** Non-irritating  
**Skin sensitization:** Not a skin sensitizer  
**Carcinogenicity:** No ingredient listed by NTP, IARC or OSHA

## Section 12: Ecological Information

This product is extremely toxic to birds and mammals. Do not apply this product directly to water, where surface water is present or to intertidal areas below the mean high water mark. Carefully follow label cautions and directions to reduce hazards to children, pets and non-target wildlife.

## Section 13: Disposal Considerations

**Disposal:** Wastes resulting from the use of this product according to the label instructions must be disposed of as specified on the product label.  
**RCRA waste status:** This product is not regulated as a hazardous waste under Federal law. State and local regulation may affect the disposal of this product. Consult your state or local environmental agency for disposal of waste generated other than by use according to label instructions.

## Section 14: Transport Information

**Transportation data (49 CFR):** This product is not regulated as a hazardous material for all modes of transportation within the U.S.  
**Hazard Class, Packing Group and UN ID No.:** Not applicable

## Section 15: Regulatory Information

**TSCA:** All components of this product are listed on the TSCA inventory.  
**SARA section 313:** Contains no reportable components.  
**CA Proposition 65:** Contains no substances subject to Prop 65 requirements.  
**FIFRA:** This product is registered as a pesticide with the U.S. Environmental Protection Agency. The label requirements under Federal pesticide law differ from the classification criteria and hazard information required by OSHA on this Safety Data Sheet. Read and follow all cautions, directions and use restrictions on the product label on the container.

## Section 16: Other Information

**Prepared by:** T. Schmit **Date:** 2 February 2015  
This Safety Data Sheet is believed to be accurate at time of publication. No warranty, expressed or implied, is made with regard to this information. This information may not be adequate for every application, and the user must determine the suitability of this information due to the manner or conditions of use or storage, or local regulation. ❖

# SAFETY DATA SHEET

## Section 1: Identification

**Product identifier:** Maki® Pellets Place Packs  
**Other identifier(s):** EPA Registration Number 7173-188  
**Uses or restrictions:** Rodenticide with bromadiolone

**Manufacturer:** Liphatech, Inc.  
3600 W. Elm Street, Milwaukee, WI 53209  
**Emergency phone:** 800-351-1476 Monday - Friday 8:00 am - 4:30 pm  
(US Central time zone)

**After hours:** Call CHEMTREC at 1-800-424-9300

## Section 2: Hazard Identification

**Hazard class:** Specific Target Organ Toxicity (Single exposure), Category 2; Specific Target Organ Toxicity (Repeated exposure), Category 2  
**Warning:** May cause damage to blood and reduce the clotting ability of blood if swallowed, inhaled or absorbed through skin. Do not breathe dust. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. If exposed or if you feel unwell, call a poison control center or doctor. Dispose of container and contents according to instructions on product label. Store locked up.



## Section 3: Composition / Information on Ingredients

**Hazardous ingredients:**  
Bromadiolone (CAS registry no. 28772-56-7) ..... 0.005%

## Section 4: First Aid Measures

**Emergency overview:** This material may reduce the clotting ability of the blood and cause bleeding. Symptoms of toxicity include lethargy, loss of appetite, reduced clotting ability of blood, and bleeding. Have the product label with you when obtaining treatment advice.

**If swallowed:** Call a poison control center or doctor. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor.

**If inhaled:** Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration and call poison control or doctor.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin with plenty of cool water for 15-20 minutes. Call a poison control center or doctor.

**Note to Physician or Veterinarian:** Contains anticoagulant ingredient. For humans or animals ingesting bait and/or showing obvious poisoning symptoms (bleeding or prolonged prothrombin times), give Vitamin K<sub>1</sub> intramuscularly or orally. In severe cases, blood transfusions may be needed.

## Section 5: Fire-fighting Measures

**Extinguishing media:** Use media suitable for the surrounding fire

**Specific fire or explosion hazards:** None known

**Special cautions for firefighters:** Wear self-contained breathing apparatus (full facepiece) & full protective clothing. Contain runoff to prevent pollution.

## Section 6: Accidental Release Measures

**Precautions, PPE and Procedures:** Wearing PPE as specified in Section 8, isolate and contain spill. Limit access to spill area to necessary personnel. Do not allow spilled material to enter sewers, streams or other waters.

**Methods and materials:** Scoop up spilled material and place in a closed, labeled container for use according to label instructions or disposal.

## Section 7: Handling and Storage

**Precautions for safe handling:** Read the entire product label before using this rodenticide. **Conditions for safe storage:** Store in original container in a cool, dry area out of reach of children, pets and domestic animals. Do not contaminate water, food or feed. Keep container tightly closed. Do not remove or destroy the product label.

## Section 8: Exposure Controls / Personal Protection

**Established exposure limits:** Not applicable

**Appropriate engineering controls:** Special ventilation is not required for the normal handling and use of this product when following label instructions.

**Individual protection measures:** Wear long-sleeved shirt, long pants, shoes, socks and waterproof gloves when handling this product. Follow manufacturer's instructions for cleaning/maintaining PPE, or else wash with detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. Wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet, and change into clean clothing.

## Section 9: Physical and Chemical Properties

**Appearance:** Solid pellets, green color, raw grain odor. Odor threshold not determined.

**Water solubility:** Negligible

**pH:** Not applicable

**Relative density:** 1.27 g/cc

**Viscosity:** Not applicable

**% Volatile (volume):** Not applicable

**Evaporation rate:** Not applicable

**Vapor density:** Not applicable

**Vapor pressure:** Not applicable

**Boiling point:** Not determined

**Freezing point:** Not applicable

**Flash point (ASTM D92):** >190 °C

**Autoignition temp.:** Not determined

**Flammability:** Not a flammable solid

**Decomposition temp.:** Not determined

**Explosive limits - Lower limit:** Not applicable; Upper limit: Not applicable

**Partition coefficient (n-octanol/water):** Not applicable

## Section 10: Stability and Reactivity

**Reactivity:** Not reactive, not sensitive to shock or static discharge

**Chemical stability:** Stable

**Hazardous reactions:** None

**Incompatible materials:** None

**Conditions to avoid:** None

**Hazardous decomposition products:** Oxides of carbon

## Section 11: Toxicological Information

**Likely routes of exposure:** Ingestion, skin absorption.

**Symptoms of toxicity:** Lethargy, loss of appetite, reduced clotting ability of blood, and bleeding.

**Eye effects/eye irritation:** Mild, transient irritant

**Acute oral effects:** LD<sub>50</sub> (oral-rat): >5000 mg/kg

**Acute inhalation effects:** LC<sub>50</sub> (rat, 4 hour): 8.6 mg/L (extrapolated)

**Acute dermal effects:** LD<sub>50</sub> (dermal-rabbit): >2000 mg/kg

**Skin irritation:** Non-irritating

**Skin sensitization:** Not a skin sensitizer

**Carcinogenicity:** No ingredient listed by NTP, IARC or OSHA

## Section 12: Ecological Information

This product is extremely toxic to birds and mammals. Do not apply this product directly to water, where surface water is present or to intertidal areas below the mean high water mark. Carefully follow label cautions and directions to reduce hazards to children, pets and non-target wildlife.

## Section 13: Disposal Considerations

**Disposal:** Wastes resulting from the use of this product according to the label instructions must be disposed of as specified on the product label.

**RCRA waste status:** This product is not regulated as a hazardous waste under Federal law. State and local regulation may affect the disposal of this product. Consult your state or local environmental agency for disposal of waste generated other than by use according to label instructions.

## Section 14: Transport Information

**Transportation data (49 CFR):** This product is not regulated as a hazardous material for all modes of transportation within the U.S.

**Hazard Class, Packing Group and UN ID No.:** Not applicable

## Section 15: Regulatory Information

**TSCA:** All components of this product are listed on the TSCA inventory.

**SARA section 313:** Contains no reportable components.

**CA Proposition 65:** Contains no substances subject to Prop 65 requirements.

**FIFRA:** This product is registered as a pesticide with the U.S. Environmental Protection Agency. The label requirements under Federal pesticide law differ from the classification criteria and hazard information required by OSHA on this Safety Data Sheet. Read and follow all cautions, directions and use restrictions on the product label on the container.

## Section 16: Other Information

**Prepared by:** T. Schmit

**Date:** 2 February 2015

This Safety Data Sheet is believed to be accurate at time of publication. No warranty, expressed or implied, is made with regard to this information. This information may not be adequate for every application, and the user must determine the suitability of this information due to the manner or conditions of use or storage, or local regulation. ❖



# SAFETY DATA SHEET

## Section 1: Identification

**Product identifier:** Rozol® Tracking Powder  
**Other identifier(s):** EPA Registration Number 7173-113  
**Uses or restrictions:** Restricted Use Pesticide  
**Manufacturer:** Liphatech, Inc.  
3600 W. Elm Street, Milwaukee, WI 53209  
**Emergency phone:** 800-351-1476 Monday - Friday 8:00 am - 4:30 pm  
(US Central time zone)  
**After hours:** Call CHEMTREC at 1-800-424-9300

## Section 2: Hazard Identification

**Hazard class:** Carcinogenicity, Category 1;  
Specific Target Organ Toxicity (Single exposure), Category 2;  
Specific Target Organ Toxicity (Repeated exposure), Category 2  
**Danger:** May cause cancer or silicosis by inhalation of crystalline silica. May cause damage to blood and reduce the clotting ability of blood if swallowed, inhaled or absorbed through skin. Obtain special instructions before use. Do not handle until all safety precautions have been read & understood. Wear respirator, protective gloves & clothing, eye and face protection. Do not breathe dust. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. If exposed or if you feel unwell, call poison control center or doctor. Dispose of container & contents according to instructions on product label. Store locked up.



## Section 3: Composition / Information on Ingredients

**Hazardous ingredients % in mixture, and established exposure limits**  
Chlorophacinone (CAS no. 3691-35-8): 0.2% No exposure limit established  
Crystalline silica (CAS no. 14808-60-7): 30-45% ACGIH TLV: 0.05 mg/m<sup>3</sup> respirable quartz, OSHA PEL: 10 mg/m<sup>3</sup> ÷ (% silica +2) respirable quartz  
Amorphous silica (CAS no. 61790-53-2): 0-40% ACGIH TLV: 10 mg/m<sup>3</sup> total dust, 3 mg/m<sup>3</sup> respirable dust; OSHA PEL: 80 mg/m<sup>3</sup> ÷ % silica  
Aluminum oxide (CAS no. 1344-28-1): 10-28% ACGIH TLV: 10 mg/m<sup>3</sup>, OSHA PEL: 15 mg/m<sup>3</sup> total dust, 5 mg/m<sup>3</sup> respirable dust

## Section 4: First Aid Measures

**Emergency overview:** This material may reduce the clotting ability of the blood and cause bleeding. Symptoms of toxicity include lethargy, loss of appetite, reduced clotting ability of blood, and bleeding. Have the product label with you when obtaining treatment advice. Inhalation of crystalline silica may cause silicosis (irreversible fibrosis of lung tissue) and lung cancer.  
**If swallowed:** Call a poison control center or doctor. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor.  
**If inhaled:** Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration and call poison control or doctor.  
**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor.  
**If on skin or clothing:** Take off contaminated clothing. Rinse skin with plenty of cool water for 15-20 minutes. Call a poison control center or doctor.  
**Note to Physician or Veterinarian:** Contains anticoagulant ingredient. For humans or animals ingesting bait and/or showing obvious poisoning symptoms (bleeding or prolonged prothrombin times), give Vitamin K<sub>1</sub> intramuscularly or orally. In severe cases, blood transfusions may be needed.

## Section 5: Fire-fighting Measures

**Extinguishing media:** Use media suitable for the surrounding fire  
**Specific fire or explosion hazards:** None known  
**Special cautions for firefighters:** Wear self-contained breathing apparatus (full facepiece) & full protective clothing. Contain runoff to prevent pollution.

## Section 6: Accidental Release Measures

**Precautions, PPE and Procedures:** Wearing PPE as specified in Section 8, isolate and contain spill. Limit access to spill area to necessary personnel. Do not allow spilled material to enter sewers, streams or other waters.  
**Methods and materials:** Scoop up spilled material and place in a closed, labeled container for use according to label instructions or disposal.

## Section 7: Handling and Storage

**Precautions for safe handling:** Read the entire product label before using this rodenticide. **Conditions for safe storage:** Store in original container in a cool, dry area out of reach of children, pets and domestic animals. Do not contaminate water, food or feed. Keep container tightly closed. Do not remove or destroy the product label.

## Section 8: Exposure Controls / Personal Protection

**Established exposure limits:** See Section 3; also 29 CFR 1910.1000 Z-3.  
**Appropriate engineering controls:** Special ventilation is not required for the normal handling and use of this product when following label instructions.  
**Individual protection measures:** All handlers (including applicators) must wear: long sleeved shirt and long pants, shoes plus socks, gloves, protective eyewear and a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N, R, P or HE filter. Follow manufacturer's instructions for cleaning/maintaining PPE, or else wash with detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. Wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet, and change into clean clothing.

## Section 9: Physical and Chemical Properties

**Appearance:** Powder, off-white color, no odor. Odor threshold: none.  
**Water solubility:** Negligible **pH:** Not applicable  
**Relative density:** 0.885 g/cc **Viscosity:** Not applicable  
**% Volatile (volume):** Not applicable **Evaporation rate:** Not applicable  
**Vapor density:** Not applicable **Vapor pressure:** Not applicable  
**Boiling point:** Not determined **Freezing point:** Not applicable  
**Flash point (ASTM D92):** None **Autoignition temp.:** Not determined  
**Flammability:** Not a flammable solid **Decomposition temp.:** Not determined  
**Explosive limits - Lower limit:** Not applicable; **Upper limit:** Not applicable  
**Partition coefficient (n-octanol/water):** Not applicable

## Section 10: Stability and Reactivity

**Reactivity:** Not reactive, not sensitive to shock or static discharge  
**Chemical stability:** Stable **Hazardous reactions:** None  
**Incompatible materials:** None **Conditions to avoid:** None  
**Hazardous decomposition products:** Oxides of carbon

## Section 11: Toxicological Information

**Likely routes of exposure:** Ingestion, skin absorption, inhalation.  
**Symptoms of toxicity:** Lethargy, loss of appetite, reduced clotting ability of blood, and bleeding.  
**Eye effects/eye irritation:** Mild, transient irritant  
**Acute oral effects:** LD<sub>50</sub> (oral-rat): >5000 mg/kg  
**Acute inhalation effects:** LC<sub>50</sub> (rat, 4 hour): >2.1 mg/L  
**Acute dermal effects:** LD<sub>50</sub> (dermal-rabbit): >2000 mg/kg  
**Skin irritation:** Non-irritating **Skin sensitization:** Not a skin sensitizer  
**Carcinogenicity:** Crystalline silica is listed as carcinogen by NTP and IARC.

## Section 12: Ecological Information

This product is toxic to fish and wildlife. Do not apply this product directly to water, where surface water is present or to intertidal areas below the mean high water mark. Carefully follow label cautions and directions to reduce hazards to children, pets and non-target wildlife.

## Section 13: Disposal Considerations

**Disposal:** Wastes resulting from the use of this product according to the label instructions must be disposed of as specified on the product label.  
**RCRA waste status:** This product is not regulated as a hazardous waste under Federal law. State and local regulation may affect the disposal of this product. Consult your state or local environmental agency for disposal of waste generated other than by use according to label instructions.

## Section 14: Transport Information

**Transportation data (49 CFR):** This product is not regulated as a hazardous material for all modes of transportation within the U.S.  
**Hazard Class, Packing Group and UN ID No.:** Not applicable

## Section 15: Regulatory Information

**TSCA:** All components of this product are listed on the TSCA inventory.  
**EPCRA Sec. 302 TPQ, Sec. 304 RQ:** 100 pounds of chlorophacinone powder.  
**SARA section 313:** No reportable components.  
**CA Proposition 65:** Crystalline silica (airborne particles of respirable size) is known to the State of California to be a carcinogen.  
**FIFRA:** This product is registered as a pesticide with the U.S. Environmental Protection Agency. The label requirements under Federal pesticide law differ from the classification criteria and hazard information required by OSHA on this Safety Data Sheet. Read and follow all cautions, directions and use restrictions on the product label on the container.

## Section 16: Other Information

**Prepared by:** T. Schmit **Date:** 2 February 2015  
This Safety Data Sheet is believed to be accurate at time of publication. No warranty, expressed or implied, is made with regard to this information. This information may not be adequate for every application, and the user must determine the suitability of this information due to the manner or conditions of use or storage, or local regulation. ❖



# SAFETY DATA SHEET

## Section 1: Identification

**Product identifier:** Rozol® Blue Tracking Powder  
**Other identifier(s):** EPA Registration Number 7173-172  
**Uses or restrictions:** Restricted Use Pesticide  
**Manufacturer:** Liphatech, Inc.  
3600 W. Elm Street, Milwaukee, WI 53209  
**Emergency phone:** 800-351-1476 Monday - Friday 8:00 am - 4:30 pm  
(US Central time zone)  
**After hours:** Call CHEMTREC at 1-800-424-9300

## Section 2: Hazard Identification

**Hazard class:** Carcinogenicity, Category 1;  
Specific Target Organ Toxicity (Single exposure), Category 2;  
Specific Target Organ Toxicity (Repeated exposure), Category 2  
**Danger:** May cause cancer or silicosis by inhalation of crystalline silica in this product. May cause damage to blood and reduce the clotting ability of blood if swallowed, inhaled or absorbed through skin. Obtain special instructions before use. Do not handle until all safety precautions have been read & understood. Wear respirator, protective gloves & clothing, eye & face protection. Do not breathe dust. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. If exposed or if you feel unwell, call poison control center or doctor. Dispose of container & contents according to instructions on product label. Store locked up.



## Section 3: Composition / Information on Ingredients

**Hazardous ingredients % in mixture, and established exposure limits**  
Chlorophacinone (CAS no. 3691-35-8): 0.2% No exposure limit established  
Crystalline silica (CAS no. 14808-60-7): 30-45% ACGIH TLV: 0.05 mg/m<sup>3</sup> respirable quartz, OSHA PEL: 10 mg/m<sup>3</sup> ÷ (% silica +2) respirable quartz  
Amorphous silica (CAS no. 61790-53-2): 0-40% ACGIH TLV: 10 mg/m<sup>3</sup> total dust, 3 mg/m<sup>3</sup> respirable dust; OSHA PEL: 80 mg/m<sup>3</sup> ÷ % silica  
Aluminum oxide (CAS no. 1344-28-1): 10-28% ACGIH TLV: 10 mg/m<sup>3</sup>, OSHA PEL: 15 mg/m<sup>3</sup> total dust, 5 mg/m<sup>3</sup> respirable dust

## Section 4: First Aid Measures

**Emergency overview:** This material may reduce the clotting ability of the blood and cause bleeding. Symptoms of toxicity include lethargy, loss of appetite, reduced clotting ability of blood, and bleeding. Have the product label with you when obtaining treatment advice. Inhalation of crystalline silica may cause silicosis (irreversible fibrosis of lung tissue) and lung cancer.  
**If swallowed:** Call a poison control center or doctor. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor.  
**If inhaled:** Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration and call poison control or doctor.  
**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor.  
**If on skin or clothing:** Take off contaminated clothing. Rinse skin with plenty of cool water for 15-20 minutes. Call a poison control center or doctor.  
**Note to Physician or Veterinarian:** Contains anticoagulant ingredient. For humans or animals ingesting bait and/or showing obvious poisoning symptoms (bleeding or prolonged prothrombin times), give Vitamin K<sub>1</sub> intramuscularly or orally. In severe cases, blood transfusions may be needed.

## Section 5: Fire-fighting Measures

**Extinguishing media:** Use media suitable for the surrounding fire  
**Specific fire or explosion hazards:** None known  
**Special cautions for firefighters:** Wear self-contained breathing apparatus (full facepiece) & full protective clothing. Contain runoff to prevent pollution.

## Section 6: Accidental Release Measures

**Precautions, PPE and Procedures:** Wearing PPE as specified in Section 8, isolate and contain spill. Limit access to spill area to necessary personnel. Do not allow spilled material to enter sewers, streams or other waters.  
**Methods and materials:** Scoop up spilled material and place in a closed, labeled container for use according to label instructions or disposal.

## Section 7: Handling and Storage

**Precautions for safe handling:** Read the entire product label before using this rodenticide. **Conditions for safe storage:** Store in original container in a cool, dry area out of reach of children, pets and domestic animals. Do not contaminate water, food or feed. Keep container tightly closed. Do not remove or destroy the product label.

## Section 8: Exposure Controls / Personal Protection

**Established exposure limits:** See Section 3; also 29 CFR 1910.1000 Z-3.  
**Appropriate engineering controls:** Special ventilation is not required for the normal handling and use of this product when following label instructions.  
**Individual protection measures:** All handlers (including applicators) must wear: long sleeved shirt and long pants, shoes plus socks, gloves, protective eyewear and a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N, R, P or HE filter. Follow manufacturer's instructions for cleaning/maintaining PPE, or else wash with detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. Wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet, and change into clean clothing.

## Section 9: Physical and Chemical Properties

**Appearance:** Powder, blue color, no odor. Odor threshold: none.  
**Water solubility:** Negligible **pH:** Not applicable  
**Relative density:** 0.885 g/cc **Viscosity:** Not applicable  
**% Volatile (volume):** Not applicable **Evaporation rate:** Not applicable  
**Vapor density:** Not applicable **Vapor pressure:** Not applicable  
**Boiling point:** Not determined **Freezing point:** Not applicable  
**Flash point (ASTM D92):** None **Autoignition temp.:** Not determined  
**Flammability:** Not a flammable solid **Decomposition temp.:** Not determined  
**Explosive limits - Lower limit:** Not applicable; **Upper limit:** Not applicable  
**Partition coefficient (n-octanol/water):** Not applicable

## Section 10: Stability and Reactivity

**Reactivity:** Not reactive, not sensitive to shock or static discharge  
**Chemical stability:** Stable **Hazardous reactions:** None  
**Incompatible materials:** None **Conditions to avoid:** None  
**Hazardous decomposition products:** Oxides of carbon

## Section 11: Toxicological Information

**Likely routes of exposure:** Ingestion, skin absorption, inhalation.  
**Symptoms of toxicity:** Lethargy, loss of appetite, reduced clotting ability of blood, and bleeding.  
**Eye effects/eye irritation:** Mild, transient irritant  
**Acute oral effects:** LD<sub>50</sub> (oral-rat): >5000 mg/kg  
**Acute inhalation effects:** LC<sub>50</sub> (rat, 4 hour): >2.1 mg/L  
**Acute dermal effects:** LD<sub>50</sub> (dermal-rabbit): >2000 mg/kg  
**Skin irritation:** Non-irritating **Skin sensitization:** Not a skin sensitizer  
**Carcinogenicity:** Crystalline silica is listed as carcinogen by NTP and IARC.

## Section 12: Ecological Information

This product is toxic to fish and wildlife. Do not apply this product directly to water, where surface water is present or to intertidal areas below the mean high water mark. Carefully follow label cautions and directions to reduce hazards to children, pets and non-target wildlife.

## Section 13: Disposal Considerations

**Disposal:** Wastes resulting from the use of this product according to the label instructions must be disposed of as specified on the product label.  
**RCRA waste status:** This product is not regulated as a hazardous waste under Federal law. State and local regulation may affect the disposal of this product. Consult your state or local environmental agency for disposal of waste generated other than by use according to label instructions.

## Section 14: Transport Information

**Transportation data (49 CFR):** This product is not regulated as a hazardous material for all modes of transportation within the U.S.  
**Hazard Class, Packing Group and UN ID No.:** Not applicable

## Section 15: Regulatory Information

**TSCA:** All components of this product are listed on the TSCA inventory.  
**EPCRA Sec. 302 TPQ, Sec. 304 RQ:** 100 pounds of chlorophacinone powder.  
**SARA section 313:** No reportable components.  
**CA Proposition 65:** Crystalline silica (airborne particles of respirable size) is known to the State of California to be a carcinogen.  
**FIFRA:** This product is registered as a pesticide with the U.S. Environmental Protection Agency. The label requirements under Federal pesticide law differ from the classification criteria and hazard information required by OSHA on this Safety Data Sheet. Read and follow all cautions, directions and use restrictions on the product label on the container.

## Section 16: Other Information

**Prepared by:** T. Schmit **Date:** 2 February 2015  
This Safety Data Sheet is believed to be accurate at time of publication. No warranty, expressed or implied, is made with regard to this information. This information may not be adequate for every application, and the user must determine the suitability of this information due to the manner or conditions of use or storage, or local regulation. ☘

# SAFETY DATA SHEET

## Section 1: Identification

**Product identifier:** NoTox Blocks  
**Other identifier(s):** None  
**Uses or restrictions:** Nontoxic rodent attractant / monitor bait  
Contains no poison ingredient  
**Manufacturer:** Liphatech, Inc.  
3600 W. Elm Street, Milwaukee, WI 53209  
**Emergency phone:** 800-351-1476  
Monday - Friday 8:00 am - 4:30 pm  
(US Central time zone)  
**After hours:** Call CHEMTREC at 1-800-424-9300

## Section 2: Hazard Identification

This product does not meet the criteria for classification as a hazardous material as set forth in OSHA hazard communication regulations at 29 CFR 1910.1200, and requires no signal word, hazard class statements, precautionary statements or pictogram under these regulations.

## Section 3: Composition / Information on Ingredients

**Hazardous ingredients:**  
Contains no hazardous ingredients

## Section 4: First Aid Measures

This product is nontoxic and contains no active ingredient. It consists of grains and binders. No first aid measures should be required as a result of exposure to this product.

**If swallowed:** No harmful effects are expected from swallowing of this product. If person feels unwell, call a poison control center or doctor.

**If in eyes:** May cause transient mechanical irritation from particles in eyes. If person feels eye irritation, rinse eyes with water to remove particles.

**If on skin or clothing:** No harmful effects are expected from skin contact with this product. If person feels skin irritation, wash with soap and water.

**If inhaled:** No harmful effects are expected from inhalation of this product. If person has breathing difficulty, call poison control center or doctor.

## Section 5: Fire-fighting Measures

**Extinguishing media:** Use media suitable for the surrounding fire.  
**Specific fire or explosion hazards:** None  
**Special cautions for firefighters:** None

## Section 6: Accidental Release Measures

**Precautions, PPE and Procedures:** None.  
**Methods and materials:** None

## Section 7: Handling and Storage

**Precautions for safe handling:** None  
**Conditions for safe storage:** None

## Section 8: Exposure Controls / Personal Protection

**Established exposure limits:** Not applicable  
**Appropriate engineering controls:** Special ventilation is not required for the normal handling and use of this product when following label instructions.  
**Individual protection measures:** None

## Section 9: Physical and Chemical Properties

**Appearance:** Solid blocks, red color, raw grain odor.  
Odor threshold not determined.  
**Water solubility:** Negligible  
**pH:** Not applicable  
**Relative density:** 1.12 g/cc  
**Viscosity:** Not applicable  
**% Volatile (volume):** Not applicable  
**Evaporation rate:** Not applicable  
**Vapor density:** Not applicable  
**Vapor pressure:** Not applicable  
**Boiling point:** Not determined  
**Freezing point:** Not applicable  
**Flash point:** >190 °C (ASTM D92 method)  
**Autoignition temp.:** Not determined  
**Flammability:** Not a flammable solid  
**Decomposition temp.:** Not determined  
**Explosive limits:** Lower limit: Not applicable; Upper limit: Not applicable  
**Partition coefficient (n-octanol/water):** Not applicable

## Section 10: Stability and Reactivity

**Reactivity:** Not reactive, not sensitive to shock or static discharge  
**Chemical stability:** Stable  
**Hazardous reactions:** None  
**Incompatible materials:** None  
**Conditions to avoid:** None  
**Hazardous decomposition products:** Oxides of carbon

## Section 11: Toxicological Information

**Likely routes of exposure:** Ingestion, skin absorption.  
**Symptoms of toxicity:** Nontoxic  
**Eye effects/eye irritation:** Mild, transient irritant  
**Acute oral effects:** Nontoxic  
**Acute inhalation effects:** Nontoxic  
**Acute dermal effects:** Nontoxic  
**Skin irritation:** Non-irritating  
**Skin sensitization:** Not a skin sensitizer  
**Carcinogenicity:** No ingredient listed by NTP, IARC, OSHA

## Section 12: Ecological Information

This product is nontoxic to children, pets and non-target wildlife.

## Section 13: Disposal Considerations

This product is nontoxic and may be disposed of in municipal trash.

## Section 14: Transport Information

**Transportation data (49 CFR):** This product is not regulated as a hazardous material for all modes of transportation within the U.S.  
**Hazard Class, Packing Group and UN ID No.:** Not applicable

## Section 15: Regulatory Information

**TSCA:** All components of this product are listed on TSCA inventory.  
**SARA Section 313:** Contains no reportable components.  
**CA Proposition 65:** Contains no substances subject to Prop 65 requirements.

## Section 16: Other Information

**Prepared by:** T. Schmit **Date:** 2 February 2015  
This Safety Data Sheet is believed to be accurate at time of publication. No warranty, expressed or implied, is made with regard to this information. This information may not be adequate for every application, and the user must determine the suitability of this information due to the manner or conditions of use or storage, or local regulation. ☒

# SAFETY DATA SHEET

## Section 1: Identification

**Product identifier:** Rat & Mouse Attractant  
**Other identifier(s):** None  
**Uses or restrictions:** Nontoxic rodent attractant / monitor bait  
Contains no poison ingredient

**Manufacturer:** Liphatech, Inc.  
3600 W. Elm Street, Milwaukee, WI 53209

**Emergency phone:** 800-351-1476  
Monday - Friday 8:00 am - 4:30 pm  
(US Central time zone)

**After hours:** Call CHEMTREC at 1-800-424-9300

## Section 2: Hazard Identification

This product does not meet the criteria for classification as a hazardous material as set forth in OSHA hazard communication regulations at 29 CFR 1910.1200, and requires no signal word, hazard class statements, precautionary statements or pictogram under these regulations.

## Section 3: Composition / Information on Ingredients

**Hazardous ingredients:**  
Contains no hazardous ingredients

## Section 4: First Aid Measures

This product is nontoxic and contains no active ingredient. It consists of grains and binders. No first aid measures should be required as a result of exposure to this product.

**If swallowed:** No harmful effects are expected from swallowing of this product. If person feels unwell, call a poison control center or doctor.

**If in eyes:** May cause transient mechanical irritation from particles in eyes. If person feels eye irritation, rinse eyes water to remove particles.

**If on skin or clothing:** No harmful effects are expected from skin contact with this product. If person feels skin irritation, wash with soap and water.

**If inhaled:** No harmful effects are expected from inhalation of this product. If person has breathing difficulty, call poison control center or doctor.

## Section 5: Fire-fighting Measures

**Extinguishing media:** Use media suitable for the surrounding fire.  
**Specific fire or explosion hazards:** None  
**Special cautions for firefighters:** None

## Section 6: Accidental Release Measures

**Precautions, PPE and Procedures:** None.  
**Methods and materials:** None

## Section 7: Handling and Storage

**Precautions for safe handling:** None  
**Conditions for safe storage:** None

## Section 8: Exposure Controls / Personal Protection

**Established exposure limits:** Not applicable  
**Appropriate engineering controls:** Special ventilation is not required for the normal handling and use of this product when following label instructions.  
**Individual protection measures:** None

## Section 9: Physical and Chemical Properties

**Appearance:** Soft paste, tan color, raw grain odor.  
Odor threshold not determined.

**Water solubility:** Negligible

**pH:** Not applicable

**Relative density:** 1.2 g/cc

**Viscosity:** Not applicable

**% Volatile (volume):** Not applicable

**Evaporation rate:** Not applicable

**Vapor density:** Not applicable

**Vapor pressure:** Not applicable

**Boiling point:** Not determined

**Freezing point:** Not applicable

**Flash point:** >150 °C (ASTM D92 method)

**Autoignition temp.:** Not determined

**Flammability:** Not a flammable solid

**Decomposition temp.:** Not determined

**Explosive limits:** Lower limit: Not applicable; Upper limit: Not applicable

**Partition coefficient (n-octanol/water):** Not applicable

## Section 10: Stability and Reactivity

**Reactivity:** Not reactive, not sensitive to shock or static discharge

**Chemical stability:** Stable

**Hazardous reactions:** None

**Incompatible materials:** None

**Conditions to avoid:** None

**Hazardous decomposition products:** Oxides of carbon

## Section 11: Toxicological Information

**Likely routes of exposure:** Ingestion, skin absorption.

**Symptoms of toxicity:** Nontoxic

**Eye effects/eye irritation:** Mild, transient irritant

**Acute oral effects:** Nontoxic

**Acute inhalation effects:** Nontoxic

**Acute dermal effects:** Nontoxic

**Skin irritation:** Non-irritating

**Skin sensitization:** Not a skin sensitizer

**Carcinogenicity:** No ingredient listed by NTP, IARC, OSHA

## Section 12: Ecological Information

This product is nontoxic to children, pets and non-target wildlife.

## Section 13: Disposal Considerations

This product is nontoxic and may be disposed of in municipal trash.

## Section 14: Transport Information

**Transportation data (49 CFR):** This product is not regulated as a hazardous material for all modes of transportation within the U.S.  
**Hazard Class, Packing Group and UN ID No.:** Not applicable

## Section 15: Regulatory Information

**TSCA:** All components of this product are listed on TSCA inventory.  
**SARA Section 313:** Contains no reportable components.  
**CA Proposition 65:** Contains no substances subject to Prop 65 requirements.

## Section 16: Other Information

**Prepared by:** T. Schmit **Date:** 2 February 2015  
This Safety Data Sheet is believed to be accurate at time of publication. No warranty, expressed or implied, is made with regard to this information. This information may not be adequate for every application, and the user must determine the suitability of this information due to the manner or conditions of use or storage, or local regulation. ☒