# SECTION 1: IDENTIFICATION

**1.1. Product Identifier**

**Product Form:** Mixture

**Product Name:** Sanctuary 8-1-2 Granular Fertilizer

**Other means of identification:** Granular fertilizers including natural, organic and some chemical fertilizer.

**1.2. Intended Use of the Product**

**Use of the substance/mixture:** Fertilizer

**1.3. Name, Address, and Telephone of the Responsible Party Company**

 The Sanctuary, Inc.

 PO Box 2330

 Lady Lake, FL 32158

**1.4. Emergency Telephone Number**

**Emergency Number:** 1-800-255-3924

For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident, call CHEMTEL Day or Night

# SECTION 2: HAZARDS IDENTIFICATION

**2.1. Classification of the Substance or Mixture**

**Classification (GHS-US)**

|  |  |
| --- | --- |
| Skin Irrit. 2 | H315 |
| Eye Irrit. 2A | H319 |
| Skin Sens. 1 | H317 |
| STOT SE 3 | H335 |
| Aquatic Acute 3 | H402 |
| Aquatic Chronic 3 | H412 |

**2.2. Label Elements**

**GHS-US Labeling**

|  |  |  |
| --- | --- | --- |
| **Hazard Pictograms (GHS-US)** | : | GHS07 |
| **Signal Word (GHS-US)** | : | Warning |

|  |  |  |
| --- | --- | --- |
| **Hazard Statements (GHS-US)** | : |  H315 - Causes skin irritationH317 - May cause an allergic skin reactionH319 - Causes serious eye irritation H335 - May cause respiratory irritation H402 - Harmful to aquatic lifeH412 - Harmful to aquatic life with long lasting effects |
| **Precautionary Statements (GHS-US)** | : |  P261 - Avoid breathing dustP264 - Wash hands thoroughly after handlingP271 - Use only outdoors or in a well-ventilated areaP272 - Contaminated work clothing should not be allowed out of the workplaceP273 - Avoid release to the environmentP280 - Wear eye protection, protective gloves, protective clothingP302+P352 - IF ON SKIN: Wash with plenty of soap and waterP304+P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathingP305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsingP312 - Call a POISON CENTER/doctor/physician if you feel unwellP321 - Specific treatment (see Section 4)P332+P313 - If skin irritation occurs: Get medical advice/attention P333+P313 - If skin irritation or rash occurs: Get medical advice/attention P337+P313 - If eye irritation persists: Get medical advice/attentionP362 - Take off contaminated clothing and wash before reuse P362+P364 - Take off contaminated clothing and wash it before reuse P403+P233 - Store in a well-ventilated place. Keep container tightly closed P405 - Store locked upP501 - Dispose of contents/container according to local, regional, national, and international regulations |

**2.3. Other Hazards**

**Other Hazards:** No additional information available

**2.4. Unknown Acute Toxicity (GHS-US)**

No data available

# SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**3.1. Substance**

Not applicable

**3.2. Mixture**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Product identifier** | **%** | **Classification (GHS-US)** |
| Urea | (CAS No) 57-13-6 | 10 - 25 | Skin Irrit. 2, H315Eye Irrit. 2B, H320 |
| Potassium chloride | (CAS No) 7447-40-7 | 5 - 15 | Aquatic Acute 3, H402 |
| Limestone | (CAS No) 1317-65-3 | 2-6 | Not classified |
| Hydrolyzed Animal Protein | (CAS No) 9015-54-7 | 50-80 | Comb. Dust, H232Flam. Sol. 2, H228Skin Irrit. 2, H315Eye Irrit. 2B, H320 |
| Wheat | (CAS No) 9005-25-8 | 0.1 - 10 | Not classified |

Full text of H-phrases: see section 16

# SECTION 4: FIRST AID MEASURES

**4.1. Description of First Aid Measures**

**First-aid Measures General**: If medical advice is needed, have product container or label at hand.

**First-aid Measures After Inhalation**: If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. Give

oxygen or artificial respiration if necessary. Obtain medical attention if breathing difficulty persists.

**First-aid Measures After Skin Contact**: Wash skin thoroughly with mild soap and water. Obtain medical attention if irritation develops or persists. Wash contaminated clothing before reuse.

**First-aid Measures After Eye Contact**: Immediately rinse with water for a prolonged period (at least 15 minutes) while holding the eyelids wide open. Obtain medical attention if irritation develops or persists.

**First-aid Measures After Ingestion**: If swallowed, do not induce vomiting: seek medical advice immediately and show this

container or label.

**4.2. Most important symptoms and effects, both acute and delayed**

**Symptoms/Injuries After Inhalation:** Overexposure may be irritating to the respiratory system.

**Symptoms/Injuries After Skin Contact:** May cause skin irritation.

**Symptoms/Injuries After Eye Contact:** May cause eye irritation.

**Symptoms/Injuries After Ingestion:** If a large quantity has been ingested: Abdominal pain. Diarrhea. Nausea. Vomiting.

**4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed**

If medical advice is needed, have product container or label at hand.

# SECTION 5: FIRE-FIGHTING MEASURES

**5.1. Extinguishing Media**

**Suitable Extinguishing Media:** Not considered flammable but will burn at high temperatures. . Use extinguishing media appropriate for surrounding fire.

**Unsuitable Extinguishing Media:** None known.

**5.2. Special Hazards Arising From the Substance or Mixture**

**Fire Hazard:** Decomposes above 132 °C (270 °F). Under conditions of fire this material may produce: Ammonia. Nitrogen oxides. Biuret. Cyanuric acid.

**Explosion Hazard:** May form explosive compounds if mixed with: Calcium hypochlorite. Sodium hypochlorite. Nitrates. Nitric acid. Perchloric acid. Product itself is not explosive but if dust is generated, dust clouds suspended in air can be explosiv e. **Reactivity:** This product as shipped in the form of coarse granules should not contain sufficient dust to present an explosion hazard. Prevent dust accumulation (to minimize explosion hazard).

**5.3. Advice for Firefighters**

**Firefighting Instructions:** Not flammable.

**Protection During Firefighting:** Wear full fire-fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

**Other information:** Do not allow run-off from fire fighting to enter drains or water courses.

# SECTION 6: ACCIDENTAL RELEASE MEASURES

**6.1. Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures**: Handle in accordance with good industrial hygiene and safety practice. This material becomes slippery when wet.

**6.1.1. For Non-emergency Personnel**

**Protective Equipment:** Wear suitable protective clothing, gloves and eye/face protection.

**Emergency Procedures:** Collect as any solid. Ventilate area. Evacuate unnecessary personnel.

**6.1.2. For Emergency Responders**

**Protective Equipment:** Wear suitable protective clothing, gloves and eye/face protection.

**Emergency Procedures:** If possible, stop flow of product. Contain and collect as any solid. Ventilate area. Evacuate unnecessary

personnel.

**6.2. Environmental Precautions**

Avoid release to the environment.

**6.3. Methods and Material for Containment and Cleaning Up**

**For Containment:** Contain and collect as any solid. Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.

**Methods for Cleaning Up:** Recover the product by vacuuming, shoveling or sweeping. Avoid generation of dust during clean-up of spills. If spilled directly onto the ground, remove sufficient soil to ensure material is fully recovered. Material may be used if uncontaminated.

**6.4. Reference to Other Sections** No additional information available.

# SECTION 7: HANDLING AND STORAGE

**7.1. Precautions for Safe Handling**

**Additional Hazards When Processed:** This material becomes slippery when wet.

**Precautions for Safe Handling:** Handle in accordance with good industrial hygiene and safety procedures. Wear recommended personal protective equipment. Avoid creating or spreading dust.

 **Hygiene Measures:** Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

**7.2. Conditions for Safe Storage, Including Any Incompatibilities**

**Storage Conditions:** Store tightly closed in a dry, cool and well-ventilated place. Protect from moisture.

**Prohibitions on mixed storage:** Store away from: Ammonium nitrate. Refer to Section 10 on Incompatible Materials.

**Special Rules on Packaging:** Corrosive to copper and its alloys.

**7.3. Specific End Use(s)**

Fertilizer.

# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1. Control Parameters**

|  |
| --- |
| **Limestone (1317-65-3)** |
| **USA NIOSH** | NIOSH REL (TWA) (mg/m³) | 5 mg/m³ |
| **USA OSHA** | OSHA PEL (TWA) (mg/m³) | 5 mg/m³ |
| **Iron oxide (Fe2O3) (1309-37-1)** |
| **USA ACGIH** | ACGIH TWA (mg/m³) | 5 mg/m³ |
| **USA NIOSH** | NIOSH REL (TWA) (mg/m³) | 5 mg/m³ |
| **USA IDLH** | US IDLH (mg/m³) | 2500 mg/m³ |
| **USA OSHA** | OSHA PEL (TWA) (mg/m³) | 5 mg/m³ |

**8.2. Exposure Controls**

**Appropriate Engineering Controls** : Ensure all national/local regulations are observed.

**Personal Protective Equipment** : Gloves. Protective clothing. Insufficient ventilation: wear respiratory protection. For particulates and dust: Safety glasses.

**Hand Protection** : Protective gloves.

**Eye Protection** : Safety glasses.

**Skin and Body Protection** : Wear suitable protective clothing.

 **Respiratory Protection** : If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.

**Environmental Exposure Controls** : Ensure adequate ventilation, especially in confined areas.

# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**9.1. Information on Basic Physical and Chemical Properties**

|  |  |  |
| --- | --- | --- |
| **Physical State** | : | Solid |
| **Appearance** | : | Granules. Multi-colored. |
| **Color** | : | Tan to Brown |
| **Odor** | : | Slight. Pungent. |
| **Odor Threshold** | : | No data available |
| **pH** | : | No data available |
| **pH solution** | : | 10 % |
| **Relative Evaporation Rate (butylacetate=1)** | : | No data available |
| **Melting Point** | : | No data available |
| **Freezing Point** | : | No data available |
| **Boiling Point** | : | No data available |
| **Flash Point** | : | No data available |
| **Auto-ignition Temperature** | : | No data available |
| **Decomposition Temperature** | : | No data available |
| **Flammability (solid, gas)** | : | No data available |
| **Vapor Pressure** | : | No data available |
| **Relative Vapor Density at 20 °C** | : | No data available |
| **Relative Density** | : | No data available |
| **Density** | : | 45 (45 - 65) lb/ft3 |
| **Solubility****Partition coefficient: n-octanol/water****Viscosity** | ::: | Water: ModeratelyNo data availableNo data available |

 **9.2. Other Information** No additional information available

# SECTION 10: STABILITY AND REACTIVITY

**10.1 Reactivity:** This product as shipped in the form of coarse granules should not contain sufficient dust to present an

explosion hazard. Prevent dust accumulation (to minimize explosion hazard).

**10.2 Chemical Stability:** Stable at standard temperature and pressure.

**10.3 Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**10.4 Conditions to Avoid:** Protect from moisture. Keep away from heat.

**10.5 Incompatible Materials:** May form explosive mixture if in contact with strong acid such as nitric or perchloric acids.

Avoid contact with : Strong oxidizers. Strong acids, bases. Nitrates. Hypochlorites. Perchlorates. Chlorides. Corrosive to copper and its alloys.

**10.6 Hazardous Decomposition Products:** Under conditions of fire this material may produce: Nitrogen oxides. Ammonia. Biuret. Carbon oxides (CO, CO2). Formaldehyde.

# SECTION 11: toxicological information

**11.1. Information On Toxicological Effects**

**Acute Toxicity:** Not classified

|  |
| --- |
| **Sulfuric acid, dipotassium salt (7778-80-5)** |
| LD50 Oral Rat | 6600 mg/kg |
| ATE (Oral) | 6,600.00 mg/kg body weight |
| **Diammonium phosphate (7783-28-0)** |
| LD50 Oral Rat | 6500 mg/kg |
| LD50 Dermal Rabbit | > 7950 mg/kg |
| ATE (Oral) | 6,500.00 mg/kg body weight |
| **Potassium chloride (7447-40-7)** |
| LD50 Oral Rat | 2600 mg/kg |
| ATE (Oral) | 2,600.00 mg/kg body weight |
| **Monoammonium phosphate (7722-76-1)** |
| LD50 Oral Rat | 5750 mg/kg |
| LD50 Dermal Rabbit | > 7940 mg/kg |
| ATE (Oral) | 5,750.00 mg/kg body weight |
| **Ammonium sulfate (7783-20-2)** |
| LD50 Oral Rat | > 2000 mg/kg |
|  |
| **Sulfur (7704-34-9)** |
| LD50 Oral Rat | > 3000 mg/kg |
| LD50 Dermal Rabbit | > 2000 mg/kg |
| LC50 Inhalation Rat | > 9.23 mg/l/4h |
|  |
| **Iron oxide (Fe2O3) (1309-37-1)** |
| LD50 Oral Rat | > 10000 mg/kg |
| **Urea, polymer with formaldehyde (9011-05-6)** |
| LC50 Inhalation Rat | > 167 mg/m³ (Exposure time: 4 h) |
| **Ferrous sulfate (7720-78-7)** |
| LD50 Oral Rat | 237 mg/kg |
| ATE (Oral) | 237.00 mg/kg body weight |

**Skin Corrosion/Irritation:** Causes skin irritation.

**Serious Eye Damage/Irritation:** Causes serious eye irritation.

**Respiratory or Skin Sensitization:** May cause an allergic skin reaction.

**Germ Cell Mutagenicity:** Not classified.

**Carcinogenicity:** Not classified.

|  |
| --- |
| **Iron oxide (Fe2O3) (1309-37-1)** |
| IRAC group | 3 |

**Reproductive Toxicity:** Not classified.

**Specific Target Organ Toxicity (Single Exposure):** May cause respiratory irritation.

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** Overexposure may be irritating to the respiratory system.

**Symptoms/Injuries After Skin Contact:** May cause skin irritation.

**Symptoms/Injuries After Eye Contact:** May cause eye irritation.

**Symptoms/Injuries After Ingestion:** If a large quantity has been ingested : Abdominal pain. Diarrhea. Nausea. Vomiting.

# SECTION 12: Ecological information

 **12.1. Toxicity**

|  |
| --- |
| **Sulfuric acid, dipotassium salt (7778-80-5)** |
| LC50 Fish 1 | 653 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus) |
| EC50 Daphnia 1 | 890 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| LC 50 Fish 2 | 3550 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static]) |
| **Diammonium phosphate (7783-28-0)** |
| LC50 Fish 1 | 26.5 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss) |
| LC 50 Fish 2 | 24.8 - 29.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through]) |
| **Potassium chloride (7447-40-7)** |
| LC50 Fish 1 | 1060 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static]) |
| EC50 Daphnia 1 | 825 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| LC 50 Fish 2 | 750 - 1020 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |
| EC50 Daphnia 2 | 83 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) |
| **Ammonium sulfate (7783-20-2)** |
| LC50 Fish 1 | 5.2 (5.2 - 8.2) mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) |
| EC50 Daphnia 1 | 14 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| LC 50 Fish 2 | 32.2 (32.2 - 41.9) mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through]) |
| **Sulfur (7704-34-9)** |
| LC50 Fish 1 | 866 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static]) |
| LC 50 Fish 2 | 14 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static]) |
| **Magnesium sulfate (7487-88-9)** |
| LC50 Fish 1 | 2610 - 3080 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |
| EC50 Daphnia 1 | 266.4 - 417.3 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) |
| **Ferrous sulfate (7720-78-7)** |
| LC50 Fish 1 | 925 mg/l (Exposure time: 96 h - Species: Poecilia reticulata [static]) |
| EC50 Daphnia 1 | 152 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| LC 50 Fish 2 | 0.56 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [semi-static]) |
| EC50 Daphnia 2 | 6.15 - 9.26 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) |
| **Urea (57-13-6)** |
| LC50 Fish 1 | 16200 - 18300 mg/l (Exposure time: 96 h - Species: Poecilia reticulata) |
| EC50 Daphnia 1 | 3910 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) |

**12.2. Persistence and Degradability**

|  |
| --- |
| **Sanctuary Granular Fertilizer – All Analyses** |
| **Persistence and Degradability**  | May cause long-term adverse effects in the environment. This product is water soluble and eventually biodegrades into elemental nitrogen. Exess nitrogen and nitrates in a body of water will contribute to eutrophication with visible effects such as algae bloom. |

**12.3. Bioaccumulative Potential**

|  |
| --- |
| **Diammonium phosphate (7783-28-0)** |
| BCF fish 1 | (no bioaccumulation expected) |
| **Monoammonium phosphate (7722-76-1)** |
| BCF fish 1 | (no bioaccumulation expected) |
| **Ammonium sulfate (7783-20-2)** |
| Log Pow | -5.1 (at 25 °C) |
| **Urea (57-13-6)** |
| BCF fish 1 | < 10 |
| Log Pow | -1.59 (at 25 °C) |

**12.4. Mobility in Soil** No additional information available

**12.5. Other Adverse Effects**

No additional information available

# SECTION 13: DISPOSAL CONSIDERATIONS

**13.1. Waste treatment methods**

**Sewage Disposal Recommendations:** This material is hazardous to the aquatic environment. Keep out of sewers and waterways. **Waste Disposal Recommendations:** Place in an appropriate container and dispose of the contaminated material at a licensed site.

 **Additional Information:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

# SECTION 14: TRANSPORT INFORMATION

**14.1 In Accordance with DOT** Not regulated for transport

**14.2 In Accordance with IMDG** Not regulated for transport

**14.3 In Accordance with IATA** Not regulated for transport

# SECTION 15: REGULATORY INFORMATION

**15.1 US Federal Regulations**

|  |
| --- |
| **Sanctuary Granular Fertilizer – All Analyses** |
| **SARA Section 311/312 Hazard Classes** | Immediate (acute) health hazard |
| **Sulfuric acid, dipotassium salt (7778-80-5)** |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| **Diammonium phosphate (7783-28-0)** |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| **Potassium chloride (7447-40-7)** |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| **Monoammonium phosphate (7722-76-1)** |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| **Ammonium sulfate (7783-20-2)** |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| **Limestone (1317-65-3)** |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| **Sulfur (7704-34-9)** |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| **Iron oxide (Fe2O3) (1309-37-1)** |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| **Urea, polymer with formaldehyde (9011-05-6)** |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| **Magnesium sulfate (7487-88-9)** |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| **Ferrous sulfate (7720-78-7)** |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| **Manganese oxide (Mn3O4) (1317-35-7)** |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| **Urea (57-13-6)** |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

**15.2 US State Regulations**

|  |
| --- |
| **Ammonium sulfate (7783-20-2)** |
| U.S. - Massachusetts - Right To Know ListU.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard ListU.S. - Pennsylvania - RTK (Right to Know) List |
| **Limestone (1317-65-3)** |
| U.S. - Massachusetts - Right To Know ListU.S. - New Jersey - Right to Know Hazardous Substance ListU.S. - Pennsylvania - RTK (Right to Know) List |
| **Sulfur (7704-34-9)** |
| U.S. - Massachusetts - Right To Know ListU.S. - New Jersey - Right to Know Hazardous Substance ListU.S. - Pennsylvania - RTK (Right to Know) List |
| **Iron oxide (Fe2O3) (1309-37-1)** |
| U.S. - Massachusetts - Right To Know ListU.S. - New Jersey - Right to Know Hazardous Substance ListU.S. - Pennsylvania - RTK (Right to Know) List |
| **Ferrous sulfate (7720-78-7)** |
| U.S. - Massachusetts - Right To Know ListU.S. - New Jersey - Right to Know Hazardous Substance ListU.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard ListU.S. - Pennsylvania - RTK (Right to Know) List |
| **Manganese oxide (Mn3O4) (1317-35-7)** |
| U.S. - Massachusetts - Right To Know ListU.S. - New Jersey - Right to Know Hazardous Substance ListU.S. - Pennsylvania - RTK (Right to Know) List |

# SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision date:** 05/13/2015

**Other Information:** This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**GHS Full Text Phrases**:

|  |  |
| --- | --- |
| Acute Tox. 4 (Oral) | Acute toxicity (oral) Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment - Acute Hazard Category 1 |
| Aquatic Acute 2 | Hazardous to the aquatic environment - Acute Hazard Category 2 |
| Aquatic Acute 3 | Hazardous to the aquatic environment - Acute Hazard Category 3 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment - Chronic Hazard Category 3 |
| Comb. Dust | Combustible Dust |
| Eye Irrit. 2A | Serious eye damage/eye irritation Category 2A |
| Eye Irrit. 2B | Serious eye damage/eye irritation Category 2B |
| Flam. Sol. 2 | Flammable solids Category 2 |
| Skin Irrit. 2 | Skin corrosion/irritation Category 2 |
| Skin Sens. 1 | Skin sensitization Category 1 |
| STOT SE 3 | Specific target organ toxicity (single exposure) Category 3 |
| H228 | Flammable solid |
| H232 | May form combustible dust concentrations in air |
| H302 | Harmful if swallowed |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H319 | Causes serious eye irritation |
| H320 | Causes eye irritation |
| H335 | May cause respiratory irritation |
| H400 | Very toxic to aquatic life |
| H401 | Toxic to aquatic life |
| H402 | Harmful to aquatic life |
| H412 | Harmful to aquatic life with long lasting effects |
| ***NFPA Fire Hazard*** | 0 | Materials that will not burn. |
| ***NFPA Reactivity*** | 0 | Normally stable, even under fire exposure conditions, and are not reactive with water. |
| ***NFPA Health Hazard*** | 2 | Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given. |



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*The Sanctuary, Inc*

*PO Box 2330*

*Lady Lake, FL. 32158*