Safety Data Sheet

# SECTION 1: IDENTIFICATION

**Product Name** :- Drain antifreeze

**Other Product Identifiers** :- IND- 625

**Recommended use** :- For winterizing drain pipelines.

**Manufacturer:** EnviroWay Manufacturing Inc

2241 Hanselman Ave. Saskatoon, SK S7L 6A7, Canada Tel: 306-244-7727

Fax: 306-244-7772

Toll free: 1-888-274-0862, [www.enviroway.ca](http://www.enviroway.ca/)

**Manufactured for:** EnviroWay Manufacturing Inc.

**Emergency phone:**

**Leak and Spill:** 1-800-667-7525 (SASK SPILLS) for the Province of Saskatchewan 1-866-845-6037 (Environment Canada) for anywhere else

**In Transit:** 1-613-996-6666 or \*666 on cellular phone (CANUTEC)

**Poison Control:** 1-866-454-1212 (Saskatchewan)

# SECTION 2: HAZARD IDENTIFICATION

*(For undiluted form only)*

**Not a hazardous substance or mixture**

**Signal Word** **None**

**Hazard statement**

None

**Precautionary Statement**

**Prevention** Wear protective gloves/protective clothing/eye protection/face protection

Wash thoroughly after handling.

Do not breathe dust, fumes, gas, mist, vapors, or spray.

Do not eat, drink, or smoke when using this product.

Keep away from metals.

Keep only in original container

Avoid release to the environment.

Keep the product away from open sources of ignition.

Keep out of the reach of the children.

**Response** IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. If irritation persists, consult a physician.

IF ON SKIN (or hair): Remove/Take off Immediately all contaminated clothing. Rinse SKIN with water/shower for 15 mins. Wash contaminated clothing before reuse.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting, call a POISON CENTER or doctor/physician if you feel unwell.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF exposed or concerned: call a POISON CENTER or doctor/physician.

IF exposed or concerned: Get medical advice/attention.

Absorb spillage to prevent material damage.

Take off contaminated clothing and wash it before reuse.

**Storage** Store locked up. Keep container tightly closed. Store away from incompatible materials. Store in a well-ventilated place.

**Disposal** Dispose of contents/container in accordance with local regulation.

# SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**Pure substance/mixture:** Mixture

The following ingredients have hazardous properties:

**(Concentrated form):**

|  |  |  |
| --- | --- | --- |
| **Ingredient** | **CAS #** | **% by weight** |
| 1,2-propanediol | 57-55-6 | 40-50 |

*This product is a consumer product and therefore an SDS is not required. This SDS fully discloses any health and safety hazards but limits the disclosure of ingredient ranges for proprietary reasons.*

# SECTION 4: FIRST AID MEASURES

**IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting, call a POISON CENTER or doctor/physician if you feel unwell.

**IF ON SKIN:** Remove/Take off immediately all contaminated clothing. Rinse SKIN with water/shower for 15 mins. Wash contaminated clothing before reuse.

**IF IN EYES:** Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. If irritation persists, consult a physician.

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Consult a physician if you feel unwell.

IF exposed or concerned: Get medical advice/attention.

Most important symptoms/effects/effects acute and delayed: See Section 11 for more detailed information on

health effects and symptoms.

Immediate medical attention and special treatment needed: Not available

# SECTION 5: FIRE FIGHTING MEASURES

**Flammable:** Non-flammable

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable extinguishing media:** Do not use direct water jets as it may spread fire.

**Specific hazards:** Carbon oxides Combustible. Vapors are heavier than air and may spread along floors. Forms explosive mixtures with air on intense heating. Development of hazardous combustion gases or vapors possible in the event of fire.

**Special Fire Fighting Procedures:** Fire fighters should wear full protective clothing including self-contained breathing equipment.

# SECTION 6: ACCIDENTAL RELEASE MEASURE

**Personal precautions:** Avoid contact with skin, eyes and clothing. Do not breathe vapors, fumes or mist. Wear appropriate personal protective equipment recommended in Section 8, Exposure Controls / Personal Protection, of the SDS.

**Methods for containment:** If safe to do so, stop the leak or spill. Move containers away from the spill area. Prevent entry into sewers, water courses, basements, and confined areas. Wash spillage into an effluent treatment plant or proceed as follows. Contain and collect spilled material with noncombustible, absorbent material and place in a container for disposal according to local regulations. Dispose via a licensed waste disposal contractor. Contaminated absorbent material may pose the same physical hazards as the spilled product. If assistance is needed call emergency services.

**Spill containment and cleaning-up:** Soak up with inert absorbent material (e.g., sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

**Environmental protection:** Keep out of water supplies and sewers. DO NOT RELEASE THE CONCENTRATED PRODUCT INTO THE ENVIORNMENT. Accidental releases should be reported to appropriate agencies.

# SECTION 7: HANDLING AND STORAGE MEASURES

**Storage Requirements:** Store and handle in accordance with all current regulations and standards. Keep container tightly closed and properly labeled. Store in a cool, dry, well-ventilated area. Keep separated from incompatible substances.

**Incompatible substances:** Strong oxidizing and reducing agents.

# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

|  |  |  |  |
| --- | --- | --- | --- |
| **Ingredient** | **Exposure Limit-**  **ACGIH** | **Exposure Limit-**  **OSHA** | **Exposure Limit-**  **IDLH** |
| 1,2-propanediol | N/A | N/A | N/A |

**Gloves:** Required for regular use

**Respirator:** Required for regular use

**Eye:** Wear eye protection.

**Footwear:** Required for regular use

**Clothing:** Required for regular use

# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Blue liquid

**Odour:** Fresh scent

**Odour Threshold:** Information not available

**pH:** 7.5-8.5

**Freezing Point/Boiling point:** Information not available/100˚C

**Flash point:** Information not available

**Evaporation Rate:** Information not available

**Flammability:** Non-Flammable

**Upper/Lower flammability/explosive limit:** Not applicable

**Vapour Pressure (mmHg):** Information not available

**Vapour Density (air=1):** Information not available

**Relative Density:** 1.17 g/mL

**Solubility in Water:** Soluble

**Partition coefficient:** Information not available

**Auto-ignition temperature:** Information not available

**Decomposition temperature:** Information not available

**Viscosity:** Information not available

# SECTION 10: STABILITY AND REACTIVITY

**Chemical Stability:** The product is stable and non-reactive under normal conditions of use, storage and transport

**Possibility of hazardous reactions:-** No dangerous reaction known under conditions of normal use.

**Materials to Avoid:** Avoid contact with strong oxidizing and reducing agents.

**Hazardous Decomposition Products:** Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons.

# SECTION 11: TOXICOLOGICAL INFORMATION

|  |  |  |  |
| --- | --- | --- | --- |
| **Ingredients** | **LD50 oral**  **(mg/kg)(rat)** | **LD50 dermal**  **(mg/kg)** | **LC50 Inhalation**  **(ppm)** |
| 1,2-propanediol | 20000 | 20800 | N/A |

**EFFECTS OF ACUTE EXPOSURE:**

**Skin Contact:** No information available

**Eye Contact:** No information available

**Inhalation:** No information available

**Ingestion:** No information available

**Skin sensitization:** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity:** Not applicable

**Carcinogenicity:** Not known to be carcinogenic. No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

**Reproductive toxicity:** Not available

**STOT single exposure:** Not available

**STOT repeated exposure:** Acute lethal exposure to ethylene glycol monobutyl ether in animal studies has resulted in congestion of organs including kidney, spleen, and lung

**Aspiration hazard:** Not available

**Routes of exposure:** Ingestion, skin/eye exposure

**EFFECTS OF CHRONIC EXPOSURE:**

**Skin Contact:** Not known.

**Eye Contact:** Not known.

**Ingestion:** Not known

**Numerical measures of toxicity:**

**(CONCENTRATED)**

ATE Oral: 40000 mg/kg

ATE Dermal: 41599 mg/kg

ATE Inhalation: N/A

# SECTION 12: ECOLOGICAL INFORMATION

|  |  |  |  |
| --- | --- | --- | --- |
| **Ingredients** | **Fish** | **Crustacean** | **Algae** |
| Potassium hydroxide | LC50 (96h): 51400  mg/L | N/A | EC50 (96h): 19000  mg/L |

**Persistence and degradability:** Expected to be readily biodegradable

**Bioaccumulation/Accumulation:** No information available.

**Mobility:** No information available

**Other adverse effects:** Not known

# SECTION 13: DISPOSAL CONSIDERATIONS

**13.1. Disposal instructions:** Dispose of contents/container in accordance with local/regional/national/international regulations.

**13.2. Hazardous waste code:** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**13.3. Waste from residues / unused products:** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**13.4. Contaminated packaging:** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

# SECTION 14: TRANSPORT INFORMATION

**Special Shipping Information:** None

**TDG (Canada):**

**TDG Proper Shipping Name:**

**Hazard Class:**

**UN Number:**

**Packing Group:**

**Note:** None

**Marine Pollutant:** None

**DOT (US):**

**DOT Shipping Name:**

**DOT Hazardous Class:**

**DOT UN Number:**

**DOT Packing Group:**

**DOT Reportable Quantity (lbs):** Not Available.

**Note:** None

**Marine Pollutant:** None

# SECTION 15: REGULATORY INFORMATION

**15.1 Notification status**

All the ingredients in this product are in compliance with TSCA and DSL inventory.

# SECTION 16: OTHER INFORMATION

**Date of last revision:** DEC 7, 2022

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