

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER: **Sipco Ice Melt**

PRODUCT USE: **Ice Melter**

MANUFACTURER'S NAME: SUPPLIER'S NAME: **Sipco Industries Ltd.**

STREET ADDRESS: STREET ADDRESS: **7236 Wilson Avenue**

CITY: PROVINCE: CITY: **Delta** PROVINCE: **BC**

POSTAL CODE: EMERGENCY PHONE: **(316) 996-6666** POSTAL CODE: **V4G 1H3**

SECTION 2 – HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENTS | % | CAS NUMBER OR UN NUMBER OR NA NUMBER | LD50 OF INGREDIENT (SPECIFY SPECIES AND ROUTE) | LC50 OF INGREDIENT (SPECIFY SPECIES AND ROUTE) |
|---------------------------|------------------|--|--|--|
| Potassium Chloride | 98.6-98.9 | 7447-40-7 | 383 mg/kg (mouse) 2500 mg/kg (guinea pig) | N/av |
| Sodium Chloride | .80-1.25 | 7647-14-5 | 2600 mg/kg (rat) | N/av |

SECTION 3 – PHYSICAL DATA

| | | | | |
|--|--|---------------------------------------|--------------------------------|--------------------------------|
| PHYSICAL STATE Solid (Crystalline or Granular) | ODOUR AND APPEARANCE Odorless; White | ODOUR THRESHOLD (PPM) N/av. | | |
| VAPOUR PRESSURE (MM HG) N/av. | VAPOUR DENSITY (AIR-1) N/av. | EVAPORATION RATE N/av. | BOILING POINT 1500°C | FREEZING POINT N/av. |
| pH 5.4 to 8.6 | SPECIFIC GRAVITY 1.988 | COEFF. WATER/OIL DIST N/av. | DENSITY (G/ML) N/av. | |

SECTION 4 – FIRE AND EXPLOSION DATA

FLAMABILITY IF YES, UNDER WHICH CONDITIONS?
YES ___ NO X

MEANS OF EXTINCTION **N/A** SPECIAL PROCEDURES **N/A**

FLASHPOINT AND METHOD **N/av.** UPPER FLAMABLE LIMIT (% BY VOLUME) **N/av.** LOWER FLAMABLE LIMIT (% BY VOLUME) **N/av.**

AUTOIGNITION TEMPERATURE **N/av.** HAZARDOUS COMBUSTION PRODUCTS:
Explosive reaction with bromine trifluoride and also the combination of sulfuric acid and potassium permanganate

EXPLOSION DATA **N/ap.** SENSITIVITY TO IMPACT **N/ap.** SENSITIVITY TO STATIC DISCHARGE **N/ap.**

SECTION 5 – REACTIVITY DATA

CHEMICAL STABILITY REACTIVITY AND UNDER WHICH CONDITIONS?
YES X NO ___ IF NO, WHICH CONDITIONS?

INCOMPATIBILITY WITH OTHER SUBSTANCES HAZARDOUS DECOMPOSITION PRODUCTS
YES ___ NO ___ IF SO, WHICH ONES? **Avoid contact with strong inorganic acids, strong oxidizing agents and intense heat.**

PRODUCT DESCRIPTION: **Sipco Ice Melt**

SECTION 6 – TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY

SKIN CONTACT _____ SKIN ABSORPTION _____ EYE CONTACT X INHALATION _____ INGESTION _____

EFFECTS OF ACUTE EXPOSURE TO PRODUCT

Dust from this product may cause irritation to skin, eyes and respiratory tract.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT

None Known

EXPOSURE LIMITS

TLV-TWA 10 mg/m³from

ACGIH (a nuisance dust)

TERATOGENICITY

N/ap.

IRRITANCY OF PRODUCT

N/ap.

REPRODUCTIVE TOXICITY

N/ap.

SENSITIZATION TO PRODUCT

N/ap.

MUTAGENICITY

N/ap.

CARCINOGENICITY

N/ap.

SYNERGISTIC PRODUCTS

N/ap.

SECTION 7 – PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

GLOVES (SPECIFY)

Recommended

RESPIRATOR (SPECIFY)

Dust mask or dust respirator

EYE (SPECIFY)

Use safety glasses or goggles

FOOTWEAR (SPECIFY)

CLOTHING (SPECIFY)

OTHER (SPECIFY)

ENGINEERING CONTROLS (SPECIFY E.G. VENTILATION, ENCLOSED PROCESS)

General and local ventilation as necessary to maintain dust levels below the exposure limit (consult local authorities for acceptable exposure limits)

LEAK AND SPILL PROCEDURE

Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal. Wash area with water; however, avoid contamination surface water, waterways or sewers leading to surface water. Will damage vegetation if applied in excess.

WASTE DISPOSAL

Recycle to process if possible. Dispose of waste in compliance with local, provincial, and federal regulations.

HANDLING PROCEDURE AND EQUIPMENT

DO NOT ingest. DO NOT breathe dust. Avoid generating dust during handling and promote personal hygiene among workers.

STORAGE REQUIREMENTS

Store in a dry location away from incompatible substances, strong acids and intense heat.

SPECIAL SHIPPING INFORMATION

None required; not regulated

TDG UN NUMBER

SECTION 8 – FIRST AID MEASURES

SPECIAL MEASURES

EYE CONTACT: Flush eyes with copious amounts of running water, holding eyelids open for at least 20 minutes. If discomfort or irritation persists, seek medical attention.

SKIN CONTACT: Wash exposed area thoroughly with soap or mild detergent and copious amounts of running water. If irritation persists seek medical attention.

INHALATION: Remove from exposure area to a ventilated area. If breathing discomfort persists, seek medical attention

INGESTION: Drink water. Do not induce vomiting or give a liquid to an unconscious person. Seek medical attention. Acts as a common salt. Large quantities may cause irritation to the gastro-intestinal tract, with nausea, vomiting, epigastric distress, abdominal discomfort and diarrhea.

ABBREVIATIONS USED: N/av. = NOT AVAILABLE

N/ap. = NOT APPLICABLE

SECTION 9 – PREPARATION OF MSDS

PREPARED BY (GROUP, DEPARTMENT, ETC)

Sipco Industries Ltd.

PHONE NUMBER

(604) 940-9922

DATE

JAN. 2009