

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND COMPANY INFORMATION

Product Name: Inferno Lite
Product Use: Drain Opener/Cleaner
Product Code: 7027
Date of Issue: 01-01-12
Supplier: Evcor Solutions Inc.
Address: 530 Adelaide Street West
Site 6107
Toronto, Ontario . M5V 1T5
Telephone: (416) 409 7477
Emergency Phone: 613-996 6666 (CANUTEC)

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

Name	%	C.A.S.#	LC/50, Route,Species	LD/50, Route,Species
Sodium Hydroxide	45-80	1310-73-2	Not available	500 mg/kg Oral, Rabbit
Sodium Tripolyphosphate	5-10	15091-98-2	Not available	3100 mg/kg Oral, Rat 7940 mg/kg Dermal Rabbit
Sodium Carbonate	7-15	497-19-8	Not available	4090 mg/kg Oral, Rat

SECTION 3 – HAZARDS IDENTIFICATION

Emergency overview: Corrosive material. Avoid contact with eyes and skin.

Wear suitable protective clothing.
Avoid breathing vapour or mist.
Do not ingest. Rinse after handling.

Route of Entry: Eye contact, Skin contact, Inhalation, Ingestion

EFFECTS OF ACUTE EXPOSURE:

Eye: Contact can cause burns, severe corneal damage and permanent loss of vision.

Skin: Contact can cause redness, burns, pain and blistering.

Inhalation: Inhalation of dusts or mists can cause damage to the upper respiratory tract depending on severity of exposure .

Ingestion: Causes burns to the mouth, throat and stomach.

Effects of chronic exposure: Prolonged or repeated skin exposure to dilutions can cause drying, defatting and dermatitis.

SECTION 4 – FIRST AID MEASURES

Eye: Immediately flush with water for 15-20 minutes. Seek medical attention immediately.

Skin: Flush with water for 15 minutes. Seek medical attention if irritation develops and persists.
Remove contaminated clothing and launder before reuse.

Inhalation: Remove to fresh air and take deep, slow breaths. Seek medical attention if irritation persists.

Ingestion: Do not induce vomiting. Administer artificial respiration if breathing has stopped. Administer artificial respiration if breathing has stopped. Do not give anything by mouth if victim is unconscious.
Seek immediate medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

Flash Point: (deg C, TCC): None.

Upper Flammable Limits: Not applicable.

Lower Flammable Limits: Not applicable.

Auto Ignition Temperature (°C): Not available.

Hazardous Combustion Products (under fire conditions): Not available.

Special Exposure Hazards: Contact with some metals (particularly magnesium, aluminum and galvanized zinc) can generate hydrogen. Use water spray to cool containers.
Do not get water inside container.

Fire fighting media and instructions: This product is a nonflammable substance.

Use extinguishing media that is appropriate for surrounding fire.

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Risk of explosion of the product in the presence of mechanical impact: Not available.

Risk of explosion of the product in the presence of static discharge: Not available.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures: Use appropriate personal protective equipment as specified in Section 8.

Environmental Precautions

and Clean Up Procedures: Before attempting clean up, refer to hazard data given above.

General ventilation is normally adequate. Use broom to collect material for proper disposal. Prevent large spills from entering sewers or waterways.

Contact emergency services and supplier for advice. Rinse with water to clean up residue and reduce possible slippery floor hazard.

SECTION 7 – HANDLING AND STORAGE

Handling: Use appropriate measures when handling product.

Storage: Keep out of reach of children. Store in closed containers only.

Store away from incompatible materials. Store in a cool, dry well-ventilated area not to exceed 50°C.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: General ventilation normally adequate to control airborne levels. If required provide exhaust ventilation or other engineering controls to keep the airborne concentrations of dust or vapours below their respective occupational exposure limits.

Personal Protection: The selection of personal protective equipment varies, depending upon conditions of use.

Eye Protection: Where direct eye contact may be a problem, use chemical splash goggles to avoid possible contact.

Hand Protection: use impervious (latex rubber) protective gloves.

Skin Protection: Wear suitable protective clothing. Use impervious (latex rubber) protective gloves.

Respiratory Protection: Not normally required if good ventilation is maintained. Wear appropriate respirator when ventilation is inadequate and occupational exposure limits are exceeded.

Name	Exposure Limit - ACGIH
Sodium Hydroxide	2 mg/m ³ TLV
Sodium Tripolyphosphate	Not available
Sodium Carbonate	Not available

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odour: granular, orange colour, citrus lemon odour.

Boiling Point: (deg C): not applicable.

Specific Gravity: ((H₂O =1)): not available.

Vapour Pressure: (mm Hg): Not available.

Freezing/ Melting point: Not available.

Vapour Density (AIR=1): Not available.

Evaporation Rate (Water=1): Similar.

Solubility in water: Soluble.

pH (as supplied): 10% >12.75

Odour threshold: Not available.

Physical State: solid.

Viscosity: Not available.

SECTION 10 – STABILITY AND REACTIVITY

Stability: The product is stable.

Conditions to avoid: Moisture. Hygroscopic (absorbs moisture from the air). Avoid conditions that generate dust. Incompatible materials.

Incompatible Materials: Reactive with oxidizing agents.

Hazardous Decomposition Products: Thermal decomposition may yield sodium oxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

Irritancy of Material: See Section 3 for Potential Health Effects.

Carcinogenic effects: None of the ingredients is listed by IARC, ACGIH, NTP, and OSHA as carcinogen.

Teratogenic effects, Mutagenic effects, Reproductive Effects, Sensitization effects: No data available.

Synergistic materials: Not available.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: There is no test data on this product.

Environmental Fate: There is no test data on this product.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste must be disposed of in accordance with Local, Provincial and Federal Regulations.

SECTION 14 – TRANSPORTATION INFORMATION**T.D.G. CLASSIFICATION:**

TDG Proper Shipping Name: CORROSIVE SOLID N.O.S. (SODIUM HYDROXIDE).

Class 8

UN Number: 1759

Packing Group: II

Note: See shipping/receiving documents for specific transportation information.

SECTION 15 – REGULATORY INFORMATION

WHMIS Classification: Class E - Corrosive Material.

Class D - Division 2B: Material causing other toxic effects (Toxic).

Canadian Domestic Substance List (DSL): All the ingredients are listed.

Additional Information: This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations and the MSDS contains all the information required.

SECTION 16 – OTHER INFORMATION

Date: 01-01-12

Prepared by: Technical department

Date of previous issue: 01-01-09

DISCLAIMER:**NOTICE TO READER:**

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