

MATERIAL SAFETY DATA SHEET

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SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

Product Name: ALKALINE DRAIN OPENER
ALKALINE DRAIN CLEANER

Chemical Formula: H993

Manufacturer: Hawco Products Limited
61 Shaver Street,
Brantford, Ontario. N3T 5V6

Distributor:

Date prepared: September 3, 2014

Emergency Telephone Number: 1-519-759-2443

Canutec 24 Hour Emergency Phone - 613-996-6666, Cellular *666

TDG CLASSIFICATION: CORROSIVE LIQUIDS, CONTAINS CAUSTIC SODA SOLUTION,
CLASS 8 (9.2), UN 1824, PG II

Hazard Rating

HEALTH: 2

FLAMMABILITY: 0

REACTIVITY: 1

PERSONAL PROTECTION: C

SECTION II - INGREDIENTS (disclosed as per 29 CFR 1910.1200)

<u>Ingredients</u>	<u>CAS#</u>	<u>Wt%</u>	<u>ACGIH-TLV</u>
SODIUM HYDROXIDE	1310-73-2	15 - 40	2mg/cu.M

SECTION III - PHYSICAL DATA

Boiling Point (deg C): 100+

Specific gravity: 1.08 - 1.1

Composite Partial Vapour Pressure (mm Hg @ 25C): 0.001

Solubility in Water: (20C) SOLUBLE

pH (as supplied): 13+

Color: BLUE

Physical State: LIQUID

Odor: ODORLESS

SECTION IV - FIRE AND EXPLOSION DATA

Flammability: NOT FLAMMABLE

Flash Point (deg C, TCC): NON-FLAMMABLE LEL: NAV UEL: NAV

Hazardous combustion products: NONE

Extinguishing Media: Use appropriate media for surrounding media

Special Fire Hazards: Contact with metals generate hydrogen which is flammable

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability: STABLE

Incompatible Materials: Strong acids, Aluminum, Tin, Zinc.

Hazardous decomposition products: NONE

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SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: Skin Contact, Eye Contact, Inhalation Acute, Ingestion.
EFFECTS OF EXPOSURE TO PRODUCT:
Eye: Extremely corrosive, causes corneal scarring and clouding. Damage may be delayed and may not be initially apparent.
Skin: Causes deep and severe skin burns, ulceration and scarring. Painful tissue destruction may result and the sensation of pain may be delayed.
Inhalation (of mists): Mist or dust may cause severe irritation to the nose, throat and lungs.
Ingestion: May cause pain, vomiting and severe burns to mouth and throat and extensive damage or perforation of the esophagus. May be fatal.
Carcinogenicity: NAV

SECTION VII- PREVENTATIVE MEASURES

Protective gloves: RUBBER, NEOPRENE, NITRILE OR PVC
Eye protection: CHEMICAL GOGGLES
Respiratory protection: NIOSH APPROVED RESPIRATOR (FOR FUMES OR MIST)
Other protective equipment: SAFETY SHOWER & EYE WASH STATION
Engineering controls: GOOD GENERAL AREA VENTILATION
Leak and Spill Procedure: CONTAIN LEAK OR SPILL. VENTILATE AREA. PROTECTIVE EQUIPMENT MUST BE WORN. DIKE WITH INERT MATERIAL, DO NOT ALLOW ENTRY INTO WATERWAYS. PUMP INTO PLASTIC CONTAINER.
Waste disposal: IN ACCORDANCE WITH LOCAL REGULATIONS.
Storage Requirements: STORE IN COOL AREA ABOVE FREEZING POINT OF MATERIAL.

SECTION VIII - FIRST AID

Eye contact: Hold eyes open and flush with water up to 60 minutes. Seek medical attention immediately.
Skin contact: Flush skin for minimum 30 minutes. If irritation persists, continue flushing. Seek medical treatment immediately. Flush during transport.
Inhalation: Remove to fresh air. If not breathing, give artificial respiration and seek medical attention immediately.
Ingestion: If victim is alert and not convulsing, rinse out mouth and give 1/2 to 1 glass of water to dilute material. Do not induce vomiting. Seek medical attention immediately.

SECTION IX - PREPARATION DATA OF MATERIAL SAFETY DATA SHEET

Additional information/comments:
Prepared By: HAW
NAP - Not Applicable, NAV - Not Available.

Disclaimer

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form.