

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identifier: LIQUID DRAIN OPENER
Recommended Use: DRAIN MAINTAINER
Restrictions on use: INDUSTRIAL OR PROFESSIONAL USE ONLY
Supplier: SHARE CANADA
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7
Telephone Number: (204) 633-8553 Fax: (204) 633-8453
Emergency telephone number: CANUTEC: (613) 996-6666

SECTION 2 - HAZARDS IDENTIFICATION

WHMIS 2015 hazard classification: ACUTE TOXICITY (ORAL / DERMAL, SKIN CORROSIVE)
Symbol:



Signal word: DANGER
Hazard statement(s): HARMFUL IN CONTACT WITH SKIN
CAUSES SEVERE SKIN BURNS AND EYE DAMAGE
Precautionary statements: AVOID BREATHING MISTS, VAPOURS
WASH THOROUGHLY AFTER HANDLING

DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT
WEAR EYE PROTECTION, PROTECTIVE GLOVES, PROTECTIVE CLOTHING.
IF SWALLOWED: IMMEDIATELY CALL A DOCTOR/POISON CENTRE. RINSE MOUTH. DO NOT INDUCE VOMITING.
IF ON SKIN (OR HAIR): WASH WITH PLENTY OF WATER. IMMEDIATELY TAKE OFF CONTAMINATED CLOTHING. RINSE SKIN WITH WATER / SHOWER.
IF INHALED: REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING.
IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES . REMOVE CONTACT LENSES IF EASY TO DO SO. CONTINUE RINSING
DISPOSE OF CONTENTS / CONTAINERS TO COMPLY WITH LOCAL / REGIONAL / NATIONAL / INTERNATIONAL REGULATIONS

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS REGISTRY NUMBER	CONCENTRATION
SODIUM HYDROXIDE, CAUSTIC SODA	1310-73-2	40 – 70 %
POTASSIUM HYDROXIDE CAUSTIC POTASH	1310-58-3	7 – 13 %

SECTION 4 – FIRST AID MEASURES

First-aid measures general: IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE. (SHOW LABEL WHERE POSSIBLE)

First-aid measures after inhalation: REMOVE PERSON TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING.

First-aid measures after skin contact: TAKE OFF CONTAMINATED CLOTHING AND WASH IT BEFORE RE-USE. RINSE SKIN WITH WATER / SHOWER. TAKE VICTIM TO HOSPITAL IF IRRITATION PERSISTS.

Product Identifier: LIQUID DRAIN OPENER

SECTION 4 – FIRST AID MEASURES (CONTINUED)

First-aid measures after eye contact: REMOVE CONTACT LENSES IF PRESENT AND EASY TO DO SO. CONTINUE RINSING. RINSE CONTINUOUSLY WITH WATER FOR SEVERAL MINUTES. IMMEDIATELY CALL A POISON CONTROL CENTRE OR DOCTOR / PHYSICIAN.

First-aid measures after ingestion: IMMEDIATELY CALL A POISON CONTROL CENTRE OR DOCTOR / PHYSICIAN. RINSE MOUTH. DO NOT INDUCE VOMITING. Most important symptoms and effects, both acute and delayed: CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.

Symptoms / injuries after inhalation: CORROSIVE TO RESPIRATORY TRACT.

Symptoms / injuries after skin contact: HARMFUL IN CONTACT WITH THE SKIN. CAUSES BURNS/ CORROSION OF THE SKIN.

Symptoms / injuries after eye contact: CAUSES SERIOUS, PERMANENT EYE DAMAGE.

Symptoms / injuries after ingestion: TOXIC IF SWALLOWED. BURNS TO GASTROINTESTINAL MUCOSA

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media: ABC POWDER

Special hazards arising from the substance or mixture:

Reactivity: REACTS VIOLENTLY WITH WATER. REACTS WITH (SOME) METALS, RELEASE OF HIGHLY FLAMMABLE GASES / VAPOURS (HYDROGEN).

Firefighting instructions: EXERCISE CAUTION WHEN FIGHTING ANY CHEMICAL FIRE. USE WATER MODERATELY AND IF POSSIBLE COLLECT OR CONTAIN IT. USE WATER SPRAY OR FOG FOR COOLING EXPOSED CONTAINERS.

Protection during firefighting: DO NOT ENTER FIRE AREA WITHOUT PROPER PROTECTIVE EQUIPMENT, INCLUDING RESPIRATORY PROTECTION.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures;

General measures: ISOLATE FROM FIRE, IF POSSIBLE, WITHOUT UNNECESSARY RISK.

For non-emergency personnel. Protective equipment: GLOVES, PROTECTIVE GOGGLES, FACE SHIELD. Emergency procedures: KEEP UPWIND.

For emergency responders: Protective equipment: EQUIP CLEAN UP CREW WITH PROPER PROTECTION. Emergency procedures: STOP LEAK IF SAFE TO DO SO. STOP RELEASE. VENTILATE AREA.

Environmental precautions: AVOID RELEASE TO THE ENVIRONMENT. PREVENT SOIL AND WATER POLLUTION.

Methods for cleaning up: ABSORB SPILLAGE TO PREVENT MATERIAL DAMAGE. SMALL QUANTITIES OF LIQUID SPILL: NEUTRALIZE WITH ACID SOLUTION. THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE WAY, AS PER LOCAL LEGISLATION.

Reference to other sections: NO ADDITIONAL INFORMATION AVAILABLE.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: CARRY OPERATIONS IN THE OPEN / UNDER LOCAL EXHAUST VENTILATION OR WITH RESPIRATORY PROTECTION. . USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED.

Hygiene measures: DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. WASH CONTAMINATED CLOTHING BEFORE RE-USE.

Conditions for safe storage, including any incompatibilities:

Storage conditions: KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE IN ORIGINAL CONTAINER. STORE IN A DRY PLACE. STORE IN A CLOSED CONTAINER. KEEP COOL.

Incompatible products: STRONG ACIDS Incompatible materials: METALS

Storage area: KEEP ONLY IN ORIGINAL CONTAINER. STORE IN A DRY AREA. KEEP COOL.

Product Identifier: LIQUID DRAIN OPENER

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters: NO ADDITIONAL INFORMATION AVAILABLE.

Personal protective equipment: FACE SHIELD, GLOVES, SAFETY GLASSES, PROTECTIVE CLOTHING.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Colour and appearance:	CLEAR TO HAZY LIQUID
Odour:	MILD ODOUR.
Odour threshold:	NO DATA AVAILABLE
pH:	14
Melting point:	NO DATA AVAILABLE
Freezing point:	NO DATA AVAILABLE
Boiling point:	NO DATA AVAILABLE
Flash point:	NO DATA AVAILABLE
Relative evaporation rate (butyl acetate = 1	NO DATA AVAILABLE
Flammability (solid, gas):	NO DATA AVAILABLE
Explosive properties:	NO DATA AVAILABLE
Oxidizing properties:	NO DATA AVAILABLE
Vapour pressure:	NO DATA AVAILABLE
Relative density:	NO DATA AVAILABLE
Relative vapour density at 20 °C:	NO DATA AVAILABLE
Specific gravity /density:	1.48 g/ml
Solubility:	SOLUBLE IN WATER
Log Pow:	NO DATA AVAILABLE
Log Kow:	NO DATA AVAILABLE
Auto-ignition temperature:	NO DATA AVAILABLE
Decomposition temperature:	NO DATA AVAILABLE
Viscosity:	NO DATA AVAILABLE
Viscosity, kinematic:	NO DATA AVAILABLE
Viscosity, dynamic:	NO DATA AVAILABLE
VOC content.	0 %

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: REACTS VIOLENTLY WITH WATER. REACTS WITH (SOME) METALS, RELEASE OF HIGHLY FLAMMABLE GASES / VAPOURS (HYDROGEN).

Chemical stability: NO ADDITIONAL INFORMATION AVAILABLE.

Possibility of hazardous reactions: REACTS VIOLENTLY WITH WATER.

Incompatible materials: MAY BE CORROSIVE TO METALS, STRONG ACIDS. METALS.

Conditions to avoid: NO ADDITIONAL INFORMATION AVAILABLE.

Hazardous decomposition products: MAY RELEASE FLAMMABLE GASES.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity: ORAL: TOXIC IF SWALLOWED. DERMAL: HARMFUL IN CONTACT WITH THE SKIN.

Sodium hydroxide: LD50 oral / rat 4090 mg/kg LD 50 dermal / rabbit 1350 mg/kg

ATE CLP (oral) 4,090,000 mg/kg body weight ATE CLP (dermal) 1,350,000 mg/kg body weight

Potassium hydroxide: LD50 oral / rat 214 mg/kg ATE CLP (oral) 500,000 mg/kg body weight

Skin corrosion/irritation: CAUSES SEVERE BURNS.

Serious eye damage/irritation: CAUSES EYE DAMAGE

Respiratory or skin sensitization: NOT CLASSIFIED.

Germ cell mutagenicity: NOT CLASSIFIED.

Carcinogenicity: NOT CLASSIFIED.

Reproductive toxicity: NOT CLASSIFIED.

Specific target organ toxicity (single exposure): NOT CLASSIFIED.

Specific target organ toxicity (repeated exposure): NOT CLASSIFIED.

Aspiration hazard: NOT CLASSIFIED.

Symptoms / injuries after inhalation: CORROSIVE TO THE RESPIRATORY TRACT.

Symptoms / injuries after skin contact: HARMFUL IN CONTACT WITH THE SKIN. CAUSTIC BURNS /

Product Identifier: LIQUID DRAIN OPENER

CORROSION OF THE SKIN.

Symptoms / injuries after eye contact: CAUSES SERIOUS / PERMANENT EYE DAMAGE

Symptoms /injuries after ingestion: TOXIC IF SWALLOWED. BURNS TO GASTROINTESTINAL MUCOSA.

SECTION 12 - ECOLOGICAL INFORMATION

Ecology (General): NO ADDITIONAL INFORMATION AVAILABLE.

Persistence and degradability: NO ADDITIONAL INFORMATION AVAILABLE.

Bioaccumulation: NO ADDITIONAL INFORMATION AVAILABLE.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal recommendations: DISPOSE OF CONTENTS / CONTAINERS TO COMPLY WITH LOCAL / REGIONAL / NATIONAL REGULATIONS.

SECTION 14 – TRANSPORT INFORMATION

T.D.G. SHIPPING NAME: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (SODIUM HYDROXIDE, POTASSIUM HYDROXIDE).

CLASS: CLASS 8

UN NUMBER: UN 3266

PACKING GROUP: PG II (MEDIUM DANGER)

SECTION 15 - REGULATORY INFORMATION

THE CLASSIFICATION, LABEL AND SDS COMPLIES WITH THE REQUIREMENTS OF WHMIS 2015

SECTION 16 - OTHER INFORMATION

Information Sources: SUPPLIER'S SAFETY DATA SHEET

Prepared by: SHARE CANADA

Telephone: 1-204-633-8553

Latest revision date: July 13, 2016