

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product name : **MACHINE DISHWASHING LIQUID**

Product Use: : **LIQUID DISH DETERGENT**

Restrictions on use: : **FOR INDUSTRIAL OR PROFESSIONAL USE ONLY**

Company : **SHARE CANADA**
1691 CHURCH AVENUE
WINNIPEG, MB R2X 2Y7
TELEPHONE: 1-800-665-7692

Emergency number : **CANUTEC 1-613-966-6666**

SECTION 2 - HAZARDS IDENTIFICATION

Hazard classification: CORROSIVE TO METALS, SKIN BURNS AND EYE DAMAGE

Symbols:



Signal word: **DANGER**

Hazard statement(s): **MAY BE CORROSIVE TO METALS. HARMFUL IF SWALLOWED. CAUSES SEVERE SKIN BURNS AND EYE DAMAGE. MAY CAUSE DAMAGE TO ORGANS (RESPIRATORY TRACT) THROUGH PROLONGED OR REPEATED EXPOSURE (INHALATION).**

Precautionary statements: **KEEP ONLY IN ORIGINAL CONTAINER. DO NOT BREATHE MIST, SPRAY. WASH THOROUGHLY AFTER HANDLING. DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. WEAR EYE PROTECTION, PROTECTIVE CLOTHING, PROTECTIVE GLOVES.**

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS REGISTRY NUMBER	CONCENTRATION
POTASSIUM HYDROXIDE	1310-58-3	7 – 13 %
POTASSIUM SILICATE	1312-76-1	1 – 5 %
TETRASODIUM ETHYLENE-DIAMINETETRACETATE	64-08-2	1 – 5 %
SODIUM HYPOCHLORITE	7681-52-9	0.5 – 1.5 %

SECTION 4 – FIRST AID MEASURES

First-aid measures general : If you feel unwell, seek medical advice (Show the label where possible).

First-aid measures after inhalation : Remove victim into fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms, call a poison control centre or doctor.

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First-aid measures after skin contact	:	Immediately take off all contaminated clothing and wash it before reuse. Rinse with water / shower. If skin irritation occurs, get medical attention.
First-aid measures after eye contact	:	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a poison control centre or doctor.
First-aid measures after ingestion	:	Rinse mouth . Do NOT induce vomiting.
Symptoms/injuries	:	Causes severe skin burns and eye damage. Harmful if swallowed.
Symptoms/injuries after inhalation	:	May cause respiratory irritation.
Symptoms/injuries after skin contact	:	Caustic burns / corrosion of the skin.
Symptoms/injuries after eye contact	:	Causes serious eye damage. Corrosion of the eye tissue. Permanent eye damage.
Symptoms after ingestion	:	Harmful if swallowed. Burns to the gastrointestinal mucosa.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media All extinguishing media allowed.
Reactivity: Upon combustion CO and CO₂ are formed. Toxic fumes may be released.

Firefighting instructions	Exercise caution when fighting any chemical fire. Use water moderately and if possible, collect and contain it. Use water spray of 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

General measures: Isolate from fire, if possible, without unnecessary risk.

Protective equipment	Gloves, Protective goggles. Protective clothing.
Emergency procedures	Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.
Protective equipment	Equip cleanup crew with proper protection.
Emergency procedures	Stop leak if safe to do so. Stop release. Ventilate area.
Environmental protection	Avoid release to the environment. Prevent soil and water pollution.
For containment:	Contain released substance, pump into suitable containers.
Methods for cleaning up	This material and its container must be disposed of in a safe way, and as per local legislation.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling	Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing.
Hygiene measures	Wash thoroughly after handling. Wash contaminated clothing before reuse.

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Technical measures	Comply with applicable regulations. Always add product to water for dilution. Never add water to this product.
Storage conditions	Keep container closed when not in use.
Storage area	Keep only in original container Store in a cool, dry area.
Incompatible products:	Acids, reducing agents
Incompatible materials:	Cleaning agents.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:

Personal protective equipment: : Use appropriate personal protective equipment when risk assessment indicates this is necessary. Protective goggles. Gloves. Protective clothing.



SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Liquid
Appearance	: Hazy, light yellow liquid.
Odour	: Chlorine – like odour.
Odour threshold	: No data available
pH	: 12.5
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 93.7 Closed cup
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapour pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Specific gravity / density	: 1.18 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 %

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Potassium hydroxide (1310-58-3)

ACGIH	ACGIH Ceiling (mg/m3)	2 mg/m3
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SECTION 10 - STABILITY AND REACTIVITY

Reactivity: Upon combustion CO and CO₂ are formed. Toxic fumes may be released.

Stability : Stable under normal conditions.

Incompatible materials: May be corrosive to metals.

Conditions to avoid: No additional information available.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity: Not classified.

POTASSIUM HYDROXIDE (1310-58-3)

LD50 oral rat 273 mg/kg	ATE CLP (oral) 273.000 mg/kg body weight
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TETRASODIUM ETHYLENE DIAMINETETRACETATE (64-02-8)

LD50 oral rat > 2000 mg/kg	ATE CLP (oral) 500.000 mg/kg body weight
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hydrogen chloride (7647-01-0)

IARC group	3 - Not Classifiable
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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	: May cause respiratory irritation.
Symptoms/injuries after skin contact	: Caustic burns / corrosion of the skin.
Symptoms/injuries after eye contact	: Causes serious eye damage. Corrosion of the eye tissue Permanent eye damage.
Symptoms/injuries after ingestion	: Harmful if swallowed. Burns to the gastrointestinal mucosa. Gastrointestinal complaints.

SECTION 12 - ECOLOGICAL INFORMATION

Ecology (General):	No additional information available.
Persistence and degradability:	No additional information available.
Bioaccumulation potential:	No additional information available.

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SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14 – TRANSPORT INFORMATION

Transportation of Dangerous Goods (TDG): TDG Class 8, Corrosive liquid, n.o.s. (sodium hypochlorite and potassium hydroxide) UN 1760 Packing Group II.

SECTION 15 - REGULATORY INFORMATION

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

SECTION 16 - OTHER INFORMATION

Information Sources: SUPPLIER'S SDS
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Latest revision date: September 9, 2024