

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product name HDIC

Use of the substance/mixture : Cleaner

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

GHS Classification

Metal corrosive 1, Skin irritation 2, Eye damage 1

Hazard pictograms (GHS)



Signal word (GHS)

: Danger

Hazard statements (GHS)

: Causes skin irritation
Causes serious eye damage

Precautionary statements (GHS)

: Wash thoroughly after handling.
Wear eye protection, protective clothing, protective gloves.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS REGISTRY NUMBER	CONCENTRATION %	GHS classification
Potassium hydroxide,	1310-58-3	1 – 5 %	Acute Tox. 3 (Oral), H301 Skin Corr. 1A, H314 Eye Dam 1 H318
Butoxyethanol	111-76-2	1 – 5 %	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Asp. Tox. 1, H304
Pentasodium triphosphate	7758-29-4	1 – 5 %	Not classified
Sodium metasilicate	6843-92-0	1 – 5 %	Skin Corr. 1 B, H314 STOT SE 3, H335
Cocoamidopropyl hydroxysultaine	68139-30-0	1 – 5 %	Skin Irrit. 2, H315 Eye Irrit 2A, H319

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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 to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	:	Take off contaminated clothing and wash it before reuse. Wash skin with plenty of water. If skin rash or irritation occurs, get medical advice/attention.
First-aid measures after eye contact	:	Rinse immediately with plenty of water for 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Take victim to an ophthalmologist.
First-aid measures after ingestion	:	Immediately call a poison control centre /doctor. Rinse mouth. Do not induce vomiting. Drink plenty of water.
Symptoms/injuries		Causes skin irritation. Causes serious eye damage.
Symptoms/injuries after inhalation		May cause respiratory irritation.
Symptoms/injuries after skin contact		Causes skin irritation.
Symptoms/injuries after eye contact		Causes serious eye damage. Corrosion of the eye tissue. Permanent eye damage.
Symptoms/injuries after ingestion		Gastrointestinal complaints.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media	:	All extinguishing media allowed.
Reactivity	:	Upon combustion: CO and CO ₂ are formed.
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

General measures	:	Isolate from fire, if possible, without unnecessary risk.
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For non-emergency personnel

- Protective equipment : Gloves. Protective goggles. Face shield.
- Emergency procedures : Keep upwind.

For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Stop leak if safe to do so. Stop release. Ventilate area.

- 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. 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. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.
- Hygiene measures : Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.
- Storage conditions : Keep container closed when not in use. Store in original container.
- Incompatible products : Strong acids.
- Storage area : Keep only in original container. Store in a dry area. Store in a cool area.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION


butoxyethanol (111-76-2)

ACGIH	ACGIH TWA (ppm)	20 ppm
ACGIH	Remark (ACGIH)	Eye & URT irr
OSHA	OSHA PEL (TWA) mg/m ³	240 mg/m ³
OSHA	OSHA PEL (TWA) ppm	50 ppm

potassium hydroxide (1310-58-3)

ACGIH	ACGIH Ceiling (mg/m ³)	2 mg/m ³
ACGIH	Remark ACGIH	URT, eye and skin irritation

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potassium hydroxide (1310-58-3)		
Appropriate engineering controls:	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.	
Personal protective equipment	Gloves, safety glasses, protective clothing. Use appropriate personal protective equipment when risk assessment indicates this is necessary.	
		

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Liquid
Appearance	: Blue liquid.
Odour	: Lavender
Odour threshold	: No data available
pH	: 12 – 14
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 97 °C
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	: 1.06 g/ml
Solubility	: Soluble in water
Log Pow	: No data available

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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	: < 4 %

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: Upon combustion: CO and CO₂ are formed.

Chemical stability: No additional information available

Possibility of hazardous reactions: No additional information available

Conditions to avoid : No additional information available

Incompatible materials : Strong acids, metals.

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

SECTION 11 – TOXICOLOGICAL INFORMATION

Control parameters:

Acute toxicity : Not classified

butoxyethanol (111-76-2)	
LD50 oral rat	1300 mg/kg
LD50 dermal rat	> 2000 mg/kg
ATE CLP (oral)	1300 mg/kg body weight
ATE CLP (dermal)	1100 mg/kg body weight
ATE CLP (dust, mist)	1.5 mg/l/4h

potassium hydroxide (1310-58-3)	
LD50 oral rat	273 mg/kg (Rat, oral)
ATE CLP (oral)	273 mg/kg body weight

Skin corrosion/irritation	: Causes skin irritation. pH: 12 – 14
Serious eye damage/irritation	: Causes serious eye damage. pH: 12 – 14
Respiratory or skin sensitization	: Not classified.

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Germ cell mutagenicity : Not classified.

Carcinogenicity : Not classified.

Butoxyethanol (111-76-2)

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.

Butoxyethanol (111-76-2)

NOAEL (oral,rat,90 days)	See comments
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NOAEL (dermal,rat/rabbit,90 days)	See comments
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Aspiration hazard : Not classified

Symptoms/injuries after inhalation : May cause respiratory irritation.

Symptoms/injuries after skin contact : May cause skin irritation.

Symptoms/injuries after eye contact : Causes serious eye damage.
Corrosion of the eye tissue.
Permanent eye damage.

Symptoms/injuries after ingestion : Gastrointestinal complaints.
Likely routes of exposure : Skin and eye contact.

SECTION 12 - ECOLOGICAL INFORMATION

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

SECTION 13 – DISPOSAL CONSIDERATIONS

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

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SECTION 14 – TRANSPORT INFORMATION

TDG: Not regulated for transport.

SECTION 15 - REGULATORY INFORMATION

The classification, label and SDS complies with the requirements of WHMIS

SECTION 16 - OTHER INFORMATION

Information Sources:	SUPPLIER'S SDS
Prepared by:	SHARE CANADA
Telephone:	1-800-665-7692
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