

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) :

May be corrosive to metals
Causes skin irritation
Causes serious eye damage

Precautionary statements (GHS) :

Store in original container.
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 %	Met. Corr. 1, H290 Acute Tox. 3 (Oral), H301 Skin Corr. 1A, H314
Glycol Ether EB	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
Sodium tripolyphosphate Anhydrous	7758-29-4	1 – 5 %	Not classified
Disodium metasilicate	6843-92-0	1 – 5 %	Skin Corr. 1 B, H314 STOT SE 3, H335
Cocoamidopropyl hydroxy sultaine	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 at rest in a position 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 physician or poison control centre. 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 irritation. 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

Glycol Ether EB (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

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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
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 : May be corrosive to metals, 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

Glycol Ether EB (111-76-2)

LD50 oral rat	1300 mg/kg
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Glycol Ether EB (111-76-2)	
LD50 dermal rat	> 2000 mg/kg
ATE CLP (oral)	1300.000 mg/kg body weight
ATE CLP (dermal)	1100.000 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)
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.
Germ cell mutagenicity : Not classified.
Carcinogenicity : Not classified.

Glycol Ether EB (111-76-2)	
IARC group	3 - Not Classifiable

Reproductive toxicity : Not classified
Specific target organ toxicity (single exposure) : Not classified
Specific target organ toxicity (repeated exposure) : Not classified.

Glycol Ether EB (111-76-2)	
NOAEL (oral,rat,90 days)	See comments
NOAEL (dermal,rat/rabbit,90 days)	See comments

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.

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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.

SECTION 14 – TRANSPORT INFORMATION

TDG: Not regulated for transport.

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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