

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product name : **HEAVY DUTY INDUSTRIAL CLEANER – PINE SCENTED**

Use of the substance/mixture : **WATER BASED ALKALINE 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

2.1. Classification of the substance or mixture

GHS classification

Met. Corr. 1	H2 90
Acute Tox. 4 (Oral)	H3 02
Skin Corr. 1C	H3 14

2.2. Label elements

GHS labeling

Hazard pictograms (GHS) :



Signal word (GHS) : Danger

Hazard statements (GHS) : May be corrosive to metals
Harmful if swallowed
Causes severe skin burns and eye damage

Precautionary statements (GHS) : Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Keep only in original container
Do not breathe mist, spray
Wash thoroughly after handling
Do not eat, drink or smoke when using this product
Wash contaminated clothing before reuse

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SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

CHEMICAL NAME	CAS REGISTRY NUMBER	CONCENTRATION %	GHS classification
Potassium hydroxide, 45%=<conc<50%, aqueous solutions	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
Disodium metasilicate	6843-92-0	1 – 5 %	Skin Corr. 1 B, H314 STOT SE 3, H373
Cocoamide	8051-30-7	1 – 5 %	Skin Irrit. 2, H315 Eye Dam. 1, H318
Sodium xylene sulphonate	1300-72-7	.5 – 1.5 %	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H373
2,2'-iminodiethanol, diethanolamine	111-42-2	0.1 - 1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT RE 2, H373
Pine oils	8002-09-3	0.1 – 1 %	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1A, H317 Asp. Tox. 1, H304

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SECTION 4 – FIRST AID MEASURES

4.1. Description of 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 : Immediately take off all contaminated clothing and wash before reuse. Rinse skin with water/shower. If skin irritation or rash 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 center or doctor.
- First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Get medical advice if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : Causes severe skin burns and eye damage. May cause allergic skin reaction. May cause damage to organs through prolonged or repeated exposure.
- 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 irritation. Corrosion of the eye tissue. Permanent eye damage.
- Symptoms/injuries after ingestion : Gastrointestinal complaints. Burns to the gastric / intestinal mucosa.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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SECTION 5 – FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media : All extinguishing media allowed.

5.2. Special hazards arising from the substance or mixture

Reactivity : Upon combustion: CO and CO₂ are formed.

5.3. Advice for firefighters

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

6.1. Personal precautions, protective equipment and emergency procedures

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

6.1.1. For non-emergency personnel

Protective equipment : Gloves. Protective goggles. Protective clothing.

Emergency procedures : Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing.
Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Stop leak if safe to do so. Stop release. Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Prevent soil and water pollution.

6.3. Methods and material for containment and cleaning up

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

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- Precautions for safe handling : Comply with legal requirements. Obtain special instructions before use. 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. Do not breathe mist, spray.
- Hygiene measures : Wash thoroughly after handling. Wash contaminated clothing before reuse.
- Storage conditions : Keep container closed when not in use. Store in original container.
- Incompatible products : Strong acids, oxidizing agents.
- Storage area : Store in a dry area. Store in a cool area.
- Incompatible materials : Cleaning agents, heat sources, open flame.
- Prohibitions on storage: : Keep away from strong acids.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Glycol Ether EB (111-76-2)

ACGIH	ACGIH TWA (ppm)	20 ppm
ACGIH	Remark (ACGIH)	Eye & URT irr

potassium hydroxide (1310-58-3)

ACGIH	ACGIH Ceiling (mg/m ³)	2 mg/m ³
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2,2'-iminodiethanol, diethanolamine (111-42-2)

ACGIH	ACGIH TWA (mg/m ³)	1 mg/m ³
ACGIH	Remark (ACGIH)	Liver & kidney dam

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8.2. Exposure controls

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



SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Liquid
Appearance	: Clear, blue liquid.
Odour	: Pine
Odour threshold	: No data available
pH	: 13 – 13.75
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 97.3 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
Vapor 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

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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 %

9.1. Information on basic physical and chemical properties

SECTION 10 - STABILITY AND REACTIVITY

10.1. Reactivity

Upon combustion: CO and CO₂ are formed.

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

Upon combustion: CO and CO₂ are formed.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

May be corrosive to metals, acids, oxidizing agents.

10.6. 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

Glycol Ether EB (111-76-2)

LD50 oral rat	1300 mg/kg
LD50 dermal rat	> 2000 mg/kg
ATE CLP (oral)	1300.000 mg/kg body weight
ATE CLP (dermal)	1100.000 mg/kg body weight

HEAVY DUTY INDUSTRIAL CLEANER – PINE SCENTED**Glycol Ether EB (111-76-2)**

ATE CLP (dust, mist)	1.500 mg/l/4h
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potassium hydroxide (1310-58-3)

LD50 oral rat	273 mg/kg (Rat)
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ATE CLP (oral)	273.000 mg/kg body weight
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2,2'-iminodiethanol, diethanolamine (111-42-2)

LD50 dermal rabbit	8180 mg/kg
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ATE CLP (oral)	500.000 mg/kg body weight
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pine oils (8002-09-3)

LD50 oral rat	3200 mg/kg (Rat)
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LD50 dermal rabbit	5000 mg/kg (Rabbit)
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ATE CLP (oral)	3200.000 mg/kg body weight
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ATE CLP (dermal)	5000.000 mg/kg body weight
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Skin corrosion/irritation : Causes skin irritation. pH: 13 - 13.75

Serious eye damage/irritation : Causes serious eye damage.

Respiratory or skin sensitization : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : IARC 2B

Glycol Ether EB (111-76-2)

IARC group	3 - Not Classifiable
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2,2'-iminodiethanol, diethanolamine (111-42-2)

IARC group	2B
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Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

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Specific target organ toxicity (repeated exposure) : May cause damage to organs through prolonged or repeated exposure.

Glycol Ether EB (111-76-2)	
LOAEL (oral,rat,90 days)	69 mg/kg bodyweight/day Target organ: liver
NOAEL (dermal,rat/rabbit,90 days)	150 mg/kg bodyweight/day

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 : Gastrointestinal complaints.
Burns to the gastric/intestinal mucosa.

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

13.1. Waste treatment methods

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

SECTION 14 – TRANSPORT INFORMATION

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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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