

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product name : ORGANIC ACID DETERGENT
Product Use: : ACIDIC CLEANER
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: SKIN CORROSION AND EYE DAMAGE

Symbols:



Signal word: DANGER
Hazard statement(s): CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.
Precautionary statements: DO NOT BREATHE MIST, SPRAY.
WASH THOROUGHLY AFTER HANDLING.
WEAR EYE PROTECTION, PROTECTIVE CLOTHING, PROTECTIVE GLOVES.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS REGISTRY NUMBER	CONCENTRATION	GHS
Phosphoric acid	7864-38-2	30 – 40 %	Skin Corr. 1, H314 Eye Dam. 1 H316
UNDECETH-5	34398-01-1	1.0 - 5.0 %	Acute Tox.4 (oral) H302 Eye Dam.1 H316

SECTION 4 – FIRST AID MEASURES

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

First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable

First-aid measures after skin contact : Immediately take off all contaminated clothing and wash it before reuse.

First-aid measures after eye contact : Remove contact lenses if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. If you feel unwell, seek medical attention

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Symptoms/injuries	:	Causes severe skin burns and eye damage.
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.
Symptoms after ingestion	:	Permanent eye damage. Harmful if swallowed. Gastrointestinal constraints. Burns to the gastrointestinal mucosa.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media	All extinguishing media allowed.
Reactivity:	Thermal decomposition generates CO and CO ₂ are formed. Reaction with metals causes release of hydrogen.
Firefighting instructions	Exercise caution when fighting any chemical fire. Take account of environmentally
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.
For containment:	Contain released substance, pump into suitable containers.
Methods for cleaning up	Absorb spillage to prevent material damage. This material and its container must

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
Hygiene measures	Wash thoroughly after handling. Wash contaminated clothing before reuse.
Technical measures	Comply with applicable regulations.
Storage conditions	Store in corrosive resistant container with a resistant liner. Keep container closed
Storage area	Keep only in original container Store in a cool, dry area.
Incompatible products:	Alkaline substances, metals and metal salts, sulphides and sulphates.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:

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Phosphoric acid (7664-38-2)		
ACGIH	ACGIH OEL (mg/m3)	1 mg/m3 OEL Average exposure limit 6 hours
ACGIH	ACGIH (OEL STEL) (mg/m3)	3 mg/m3 Short term exposure limit

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



SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state	:	Liquid
Appearance	:	Clear. Slightly yellow to green liquid.
Odour	:	Acidic odour.
Odour threshold	:	No data available
pH	:	<1
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	:	1.26 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	:	< 0.5 %

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: Upon combustion CO and CO₂ are formed. Reaction with metals causes release of hydrogen.

Incompatible materials : May be corrosive to metals.

Conditions to avoid: No additional information available.

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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.

Phosphoric acid (7664-38-2)	
LD50 (oral) rat	3500 mg/kg (rat) Source: ECHA
LD 50 (dermal) rabbit	2740 mg/kg (rabbit) Source: ECHA

UNDECETH-5 (34398-01-1)	
LD 50 (oral) rat	> 1400 mg/kg
LD50 dermal rabbit	> 2000 mg/kg Source: Butch Company

Skin corrosion/irritation : Causes severe skin burns.
pH: < 1

Serious eye damage/irritation : Causes serious eye damage.
pH: 1

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 : 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. Gastrointestinal complaints. Burns to the gastrointestinal mucosa.

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 in a safe manner in accordance with local/national regulations.

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SECTION 14 – TRANSPORT INFORMATION

Transportation of Dangerous Goods (TDG): **PHOSPHORIC ACID SOLUTION CLASS 8 - UN1805 PG III**
Exempt under 5L

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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