



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING.

Supplier NGL CLEANING TECHNOLOGY SA
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature of the preparation Contains phosphoric acid, ionic and non-ionic surfactants

Contains Phosphoric acid 55% CAS [7664-38-2] EC [231-633-2] C, R34

3. HAZARDS IDENTIFICATION

Most important hazards (for the concentrated, undiluted product) C – CORROSIVE - Causes burns.

Specific hazards Repeated contact may cause allergic reactions in very susceptible persons.

4. FIRST AID MEASURES

General advice Never give anything by mouth to an unconscious person.

Eye contact Rinse with plenty of water. Keep eye wide open while rinsing. Call a physician immediately.

Skin contact Wash off immediately with plenty of water. Take off all contaminated clothing immediately. If skin irritation persists, call a physician.

Ingestion Do not induce vomiting. Call a physician immediately. Drink plenty of water.

Inhalation Move to fresh air. Consult a physician.



5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Carbon dioxide (CO ₂), foam, dry powder.
Extinguishing media which must not be used for safety reasons	None.
Special protective equipment for firefighters	Use personal protective equipment. In case of fire toxic gases may evolve
Specific methods	Cool containers / tanks with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Use personal protective equipment. Avoid contact with skin and eyes.
Environmental precautions	Prevent product from entering drains.
Methods for cleaning up	Pump the product in a tank and clean the floor with water. Eliminate the product in an incinerator for special waste. Clean-up methods - small spillage: Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Handling

Technical measures

Precautions

Provide sufficient air exchange and/or exhaust in work rooms.
Use personal protective equipment. Avoid contact with skin and eyes.

Storage

Technical measures/ Storage conditions

Keep tightly closed in a dry, cool and well-ventilated place.
Keep at temperatures between 5° and 20°C. Store in original container.

Incompatible products

(For the concentrated, undiluted product) : alkaline products and some metals (aluminium, zinc..)

Packaging material

Polyethylene containers.



8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure limit(s) SUVA (1999) : TLV-TWA 1mg/m³ [Phosphoric acid]

Personal protective equipment

Respiratory protection Do not breathe vapors or aerosols.

Eye protection Face-shield / safety glasses.

Skin and body protection Avoid contact with skin.

Hand protection Impervious gloves.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice.
Wash hands and face before breaks and immediately after handling the product.
When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form		liquid	
Colour		colorless/yellow	
Odour		addled egg	
Boiling point/range			Melting point/range
Explosion limits			Flash point n.a.
pH conc. at 25°C:	0.2	Density	1.43 g/ml
pH dil. (1%) at 25°C:	2	Water solubility	1



10. STABILITY AND REACTIVITY

Stability	Stable if properly stored and used
Materials to avoid	(For the concentrated, undiluted product): alkaline products and some metals (aluminium, zinc..)
Hazardous decomposition products	A fire may liberate toxic gases

11. TOXICOLOGICAL INFORMATION

Acute toxicity	LD50/oral/rat 1530mg/kg (H ₃ PO ₄)
Local effects	The product causes burns of eyes, skin and mucous membranes. Ingestion causes burns of the upper digestive and respiratory tracts.
Sensitization	Effects of skin contacts may include: allergic reactions
Further information	

12. ECOLOGICAL INFORMATION

Ecotoxicity	No data available
Persistence / degradability	Surfactants readily biodegradable, according to appropriate OECD test.

13. DISPOSAL CONSIDERATIONS

! WARNING, INFORMATION IN THIS PARAGRAPH IS ONLY VALID FOR PURE AND UNSOILED PRODUCTS.

Waste from residues / unused products	Dispose of in accordance with local regulations. Do not dispose of waste directly into the drains without preliminary handling. Diluted solutions can be sent to a water treatment plant after neutralization (pH 6-9). The concentrated solutions must be treated like special wastes.
Contaminated packaging	If recycling is not practicable, dispose of in compliance with local regulations.



14. TRANSPORT INFORMATION

UN-Nr : **3264**
PROPER SHIPPING NAME : **INORGANIC LIQUID, CORROSIVE, ACID, N.O.S.**

	Class	Code	Label	Packing Gr	Subsid. Risk	EMS
ADR/RID	8	C1	8	II	---	
IMDG	8		8	II	•	F-A,S-B
ICAO/IATA	8		Corrosive	II	---	

15. REGULATORY INFORMATION

The product is classified and labelled in accordance with EC directives and respective national laws.

Symbol C - CORROSIVE
Contains Phosphoric acid 55%

R -phrases R34 - Causes burns.

S -phrases S 2 - Keep out of reach of children.
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S27 - Take off immediately all contaminated clothing.
S37/39 - Wear suitable gloves and eye/face protection.
S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Swiss toxic class 2

16. OTHER INFORMATION

Recommended use This product is exclusively made for industrial cleaning applications. It has to be used in accordance with the technical data sheet

Recommended restrictions (For the concentrated, undiluted product) alkaline products and some metals (aluminium, zinc...)

Officially recognized number: -Switzerland OFSP/BAG No.: 671542
-Germany UBA Number : 11950042

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