



Pon Pure Chemicals Group

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MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: DESCALER & DEGREASER
Recommended use:

- Industrial/Institutional
- Descale Cleaning product

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION. MAY BE MILDLY IRRITATING TO EYES. MAY BE MILDLY IRRITATING TO SKIN

Principal routes of exposure: Eye contact. Skin contact. Inhalation. Ingestion.

Eye contact: immediate pain, conjunctival reddening, can cause injury the corneal membrane.

Skin contact: May be mildly irritating to skin.

Inhalation: None.

Ingestion: Burns at high acid concentration only.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	CAS #	Weight %
Sodium c1214 alcohol ether sulphonate,	9004 - 82 - 4	-
Water	7732-18-5	-
Acetic	64-19-7	-
Anionic surfactant	3088-31-1	-

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4. FIRST AID MEASURES

Eye contact:	Flush immediately with plenty of water. If irritation develops, get medical attention.
Skin contact:	No skin irritation expected under normal use. Prolonged or repeated contact may result in defatting and/or mild, transient irritation.
Inhalation:	Move person to fresh air area.
Ingestion:	Ingest large amount of water dilute the descaler.
Aggravated Medical Conditions:	None known.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	The product is not flammable. Extinguish fire using agent suitable for surrounding fire.
Specific hazards:	Not applicable.
Unusual hazards:	None known.
Special protective equipment for firefighters:	As in any fire, wear self-contained breathing apparatus pressure-demand
Extinguishing media which must not be used for safety reasons:	No information available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Not applicable.
Environmental precautions and clean-up methods:	For neutralization use the caustic soda. Clean-up methods - large spillage. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling:	Avoid contact with and eyes.
Storage:	Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

No special ventilation requirements. General room ventilation is adequate.

Personal Protective Equipment

Eye protection:	No special requirements under normal use conditions.
Hand protection:	No special requirements under normal use conditions
Skin and body protection:	No special requirements under normal use conditions.
Respiratory protection:	No special requirements under normal use conditions.
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Bulk density:	No information available
pH:	2 to 3.5	Dilution pH:	3.5
Appearance:	Liquid	Vapor density:	No information available
Color:	Clear	Evaporation Rate:	No information available
Odor:	Luz	Boiling point/range:	Not determined
Specific gravity:	Not determined	Melting point/range:	Not determined
Density:	Not determined	Decomposition temperature:	Not determined
VOC:	Not determined	Auto ignition temperature:	No information available
Flash point:	Not determined	Solubility in other solvents:	No information available
Solubility:	Completely Soluble		
Viscosity:	No information available		

10. STABILITY AND REACTIVITY

Stability	: The product is stable
Polymerization	: Hazardous polymerization does not occur.
Hazardous decomposition products	: None reasonably foreseeable.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	None known
Chronic toxicity:	None known

Specific effects

Carcinogenic effects:	None known
Mutagenic effects:	None known
Reproductive toxicity:	None known
Target organ effects:	None known

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12. ECOLOGICAL INFORMATION

Environmental Information : No data available.

Persistence and degradability : Non Biodegradable

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

This product, as sold, if discarded or disposed, is not a hazardous waste

Waste treatment methods:

Neutralized with caustic soda for water disposable.

Prior to implementing land disposal of waste residue (including waste sludge), consult local legislation for adequate disposal methods.

Empty containers can retain product residues and shall be disposed in accordance with the provisions proposed for the product.

14. TRANSPORT INFORMATION

Transport hazard class

Road transport ADR/RID	Maritime transport IMDG	Air transport ICAO/IATA
Not regulated		

Packaging group

Maritime transport IMDG	Air transport ICAO/IATA
Not regulated	

Environmental hazards: None

Special precautions for user: None

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.

No specific regulations. Normal chemical safety and handling regulations apply.

15.2: Chemical safety assessment

No

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16. OTHER INFORMATION

Training requirements for workers

No special training requirements.

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