

Section 1: Identification of the Substance/Mixture and of the Supplier

Product Name:	DE-SCALING ACID
Proper Shipping Name	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
Recommended use:	Iron Scale Treatment Chemical
Company Details	Marketing Chemicals Ltd
Address:	2 Rymer Place Mangere Bridge, Auckland. New Zealand
Telephone:	+64 9 634 3862 [8.00 am to 4.30pm – Monday to Friday]
Fax:	+64 9 634 3864
Emergency Telephone:	+64 274 736008(24 hours) National Poison Centre(24 hours): 0800 POISON [764 766]
Date of preparation	7 March 2017

Section 2: Hazard Identification



DANGER:

- Causes severe skin burns and eye damage.
- May be corrosive to metals.
- Harmful if swallowed.
- May be harmful in contact with skin.
- Harmful to terrestrial invertebrates.

HSNO Classes: 6.1D(Oral), 6.1E(Dermal),8.1A, 8.2C,8.3A,9.1D,9.3C

HSNO Approval Number: Group Standard HSR002526

Cleaning Products (Corrosive) Group Standard 2006

Prevention Statements:

- Keep out of reach of children.
- Read label before use.
- Wash hands thoroughly after handling.
- Wear protective gloves and eye/face protection.
- Keep only in original container.
- Do not eat, drink or smoke when using this product.
- Do not breathe fume/gas/mist/vapours/spray.

Response Statements

- If medical advice is needed, have product container or label at hand.
- Absorb spillage to prevent material damage.
- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- Wash contaminated clothing before reuse.
- IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
- Immediately call a POISON CENTER or doctor/physician.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage Statements

- Store in corrosive resistant container with a resistant inner liner.
- Store locked up.

Section 3: Composition/Information on Ingredients

Name	% by Wt.	CAS Number
Phosphoric Acid	<15%	7664-38-2
Hydrochloric Acid	30-60%	7647-01-0
N,N-Dimethyldodecan-1-Amine Oxide	<2%	73502-08-6
Water	Balance	7732-18-5

Section 4: First Aid Measures

Eyes:	If medical advice is needed, have product container or label at hand. 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/physician.
Skin:	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
Ingestion:	Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.
Inhalation:	Remove to fresh air and keep at rest in a position comfortable for breathing.

For Further Information Telephone (24 Hours)The National Poison Centre: 0800 Poison [764 766]

Section 5: Fire Fighting Measures

Flash Point:	Not available
Auto ignition Temperature:	Not available
Flammable Limits in Air % by Volume:	Not available
Extinguishing Media:	Water spray or fog, Dry Chemical Powder, Foam or Carbon Dioxide
Fire Fighting Instructions:	
Unusual Fire and Explosion Hazards:	Not available

Section 6: Accidental Release Measures

If product is released or spilled: Neutralise with dilute alkali (soda ash or slaked lime) & then flush away with copious amounts of running water. Do not release into waterways.

Section 7: Handling And Storage

Handling

Storage: Store locked up. Store in original container. Protect from physical damage. Clean up all spills immediately to prevent secondary accidents.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Normal ventilation
Eye / Face Protection: Safety Glasses/Full face masks
Body Protection: Overall
Respiratory Protection:
Exposure Limits: Not available

Section 9: Physical And Chemical Properties

Appearance: Clear Liquid
Odour: Acidic
pH: 4.0 – 5.0
Solubility: Complete
Vapour Density: Not available
Boiling Point: >100 Deg C
Freezing Point: Not available
Ignition Point: Not available
Flash Point: Not available
Specific Gravity: 1.50

Section 10: Stability And Reactivity

Stability of the Substance: Stable under normal conditions
Conditions to avoid:
Materials to avoid: Alkali, Oxidising agents
Hazardous Decomposition Products: Thermal decomposition may result in fumes of phosgene and chlorides.
Conditions Contributing to Hazardous Polymerization: Not available

Section 11: Toxicological Information

Inhalation: Not available

Ingestion: SPECIES: Rat ;ENDPOINT: LD50 ;VALUE: 1530 mg/kg
Skin: SPECIES: Rabbit ;RESULT: Corrosive.
Eye: SPECIES: Rabbit; RESULT: Severely irritating.

Section 12: Ecological Information

Environmental Precautions:

Ecological Toxicity: SPECIES: Rat; ENDPOINT: LD50;VALUE: 1530 mg/kg bw

Section 13: Disposal Considerations

Dispose through Licensed Disposal Company

Section 14: Transport Information



UN No: 1789
Proper Shipping Name: HYDROCHLORIC ACID
Dangerous Goods Class: 8
Packing Group: II
Hazchem Code: 2R

Section 15: Regulatory Information

HSNO Approval No: HSR002526.
Group Standard: Cleaning Products (Corrosive) Group Standard 2006
HSNO Classes: 6.1D(Oral), 6.1E(Dermal),8.1A, 8.2C,8.3A,9.1D,9.3C

Section 16: Other Information

New Zealand National Poison Information Centre (24 hours): 0800 POISON [764 766]
New Zealand Emergency Services: 111

For General Information: John Crombie, Manager, Marketing Chemicals Ltd,
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End of Safety Data Sheet.