

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

<b>Product Name:</b>	DE-SCALING ACID
<b>Proper Shipping Name</b>	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
<b>Recommended use:</b>	Iron Scale Treatment Chemical
<b>Company Details</b>	Marketing Chemicals Ltd
<b>Address:</b>	2 Rymer Place Mangere Bridge, Auckland. New Zealand
<b>Telephone:</b>	+64 9 634 3862 [8.00 am to 4.30pm – Monday to Friday]
<b>Fax:</b>	+64 9 634 3864
<b>Emergency Telephone:</b>	+64 274 736008(24 hours) National Poison Centre(24 hours): 0800 POISON [ 764 766]
<b>Date of preparation</b>	12 <sup>th</sup> November 2019

## 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**

<b>Name</b>	<b>% by Wt.</b>	<b>CAS Number</b>
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**

<b>Eyes:</b>	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.
<b>Skin:</b>	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
<b>Ingestion:</b>	Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.
<b>Inhalation:</b>	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**

<b>Flash Point:</b>	Not available
<b>Auto ignition Temperature:</b>	Not available
<b>Flammable Limits in Air % by Volume:</b>	Not available
<b>Extinguishing Media:</b>	Water spray or fog, Dry Chemical Powder, Foam or Carbon Dioxide
<b>Fire Fighting Instructions:</b>	
<b>Unusual Fire and Explosion Hazards:</b>	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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Fax : +64 (09) 634 3864

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End of Safety Data Sheet.