

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

Product Name: CLEAN ALL
Proper Shipping Name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.
Recommended use: Multipurpose Cleaner
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: 23 September 2014

Section 2: Hazard Identification



DANGER:

- Harmful if swallowed.
- May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- Suspected of causing cancer
- May cause damage to organs through prolonged or repeated exposure ...
- Causes severe skin burns and eye damage.
- May be corrosive to metals.
- Harmful to aquatic life.
- Harmful in contact with skin.

HSNO Approval Number: Group Standard HSR002588.

HSNO Classes : 6.1D(oral), 6.5A(respiratory), 6.5B, 6.7B, 6.9B, 8.1A, 8.2B, 8.3A, 9.1B, 9.3C
Industrial and Institutional Cleaning Products (Corrosive, Toxic [6.7]) Group Standard 2006

Prevention Statements:

- Keep out of reach of children.
- Read label before use.
- Wash hands thoroughly after handling.
- Do not eat, drink, or smoke when using this product.
- Wear protective gloves and eye/face protection.

- Avoid breathing fume/gas/mist/vapours/spray.
- In case of inadequate ventilation, wear suitable respiratory protection.
- Do not handle until all safety precautions have been read and understood.
- Use personal protective equipment as required.
- Get medical advice/attention if you feel unwell.
- Keep only in original container.
- Avoid release to the environment.

Response Statements

- If medical advice is needed, have product container or label at hand.
- IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
- IF exposed or concerned: Get medical advice/ attention.
- 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 IN EYES: 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.

Storage Statements

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

Section 3: Composition/Information on Ingredients

Name	% by Wt.	CAS Number
Sodium meta-Silicate, Pentahydrate	2.0 – 10.0	10213-79-3
Water Conditioner	2.0 – 10.0	5064-31-3
Sodium Hydroxide	2.0 – 5.0	1310-73-2
Quaternary Ammonium Chloride	2.0 – 5.0	8001-54-5
Non-hazardous materials	Balance	

Section 4: First Aid Measures

Eyes:	If medical advice is needed, have product container or label at hand. Immediately call a POISON CENTER or doctor/physician. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin:	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or doctor/physician.

Ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

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: All

Fire Fighting Instructions:

Unusual Fire and Explosion Hazards:

Section 6: Accidental Release Measures

Stop the leak, if possible. Ventilate the space involved. Contain, vacuum up, place in non-sparking container for disposal. Prevent waterway contamination. Construct a dike to prevent spreading. Collect run-off and transfer to drums or tanks for later disposal.

Section 7: Handling And Storage

Handling & Storage: Do not get in eyes or skin or on clothing. Do not breathe mist. Keep container closed. Use only with adequate ventilation. Do not taste or swallow. Wash thoroughly after handling. To avoid rapid temperature rise, violent spattering, or explosive eruptions always add caustic to water when mixing. Never add water to a caustic when mixing. Add small amounts of product slowly and evenly over single addition, Water should not exceed 70⁰ C during addition. Do NOT store near strong acids.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: General (mechanical) room ventilation is considered satisfactory in enclosed spaces.

Eye / Face Protection: Where there is potential for eye contact, wear a face shield, chemical goggles, and have eye flushing equipment immediately available.

Body Protection: PVC-coated gloves. Avoid skin contact. If skin contact or contamination of clothing is likely, protective clothing should be worn.

Respiratory Protection: Avoid breathing vapour or mist. Use NIOSH approved respiratory protection equipment appropriate to the material

Exposure Limits: Not available

Section 9: Physical And Chemical Properties

Appearance	Clear thin Liquid
Boiling point	> 100°C
Specific Gravity	1.04
Vapour Pressure	Not available
Vapour Density	Not available
Solubility in water	Completely
pH	11 – 13
Odour	Orange

Section 10: Stability And Reactivity

Stability of the Substance:	Stable under normal conditions
Conditions to avoid:	
Materials to avoid:	Strong acids, Heat
Hazardous Decomposition Products:	Explosive hydrogen gas can be liberated on contact with metals, such as zinc, tin or aluminium. Hydrogen gas can result in explosive hazards in confined spaces.
Conditions Contributing to Hazardous Polymerization	

Section 11: Toxicological Information

This product has not been evaluated for toxicological purposes.

Eyes:	<p>SPECIES: RESULT: Contact with the eyes causes disintegration and sloughing of conjunctiva and corneal epithelium, corneal opacification, marked edema, and ulceration; After 7 to 13 days either gradual recovery begins, or there is progression of ulceration and corneal opacification. Complications of severe eye burns are symblepharon (adhesion of the lid to the eyeball) with overgrowth of the cornea by a vascularized membrane, progressive or recurrent corneal ulceration, and permanent corneal opacification.</p>
Skin:	<p>SPECIES: Rabbit; ENDPOINT: LD50; VALUE: 1350 mg/kg SPECIES: RESULT: Corrosive irritant. SPECIES: Mouse; RESULT: Highly corrosive. REMARK: EC Classification = Highly corrosive (causes severe burns).</p>
Ingestion:	<p>SPECIES: Mouse ENDPOINT: LD50 VALUE: 150 mg/kg</p>
Inhalation:	<p>SPECIES: RESULT: In acute cases pulmonary oedema resulting from aspiration, dyspnea and cyanosis due to paralysis of the respiratory muscles, bronchoconstriction, cough can occur</p>

Section 12: Ecological Information

SPECIES: Oncorhynchus mykiss (Fish, fresh water) ;TYPE OF EXPOSURE: Static; DURATION: 96 hr

ENDPOINT: LC50; VALUE: 45.4 mg/l

SPECIES: Ceriodaphnia dubia Water flea; TYPE OF EXPOSURE: ;DURATION: 48 hr

ENDPOINT: EC50 ;VALUE: 40.38 mg/l

SPECIES: Rabbit ; ENDPOINT: LD50 ; VALUE: 1350 mg/kg bw

Section 13: Disposal Considerations

Dispose through Licensed Disposal Company

Section 14: Transport Information



UN No: 3266
Proper Shipping Name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.
Dangerous Goods Class: 8
Subsidiary risk
Packing Group: III

Section 15: Regulatory Information

HSNO Approval No: HSR002588
Group Standard: Industrial and Institutional Cleaning Product(Corrosive, Toxic[6.7])
HSNO Classes: 6.1D(oral), 6.5A(respiratory), 6.5B, 6.7B, 6.9B, 8.1A, 8.2B, 8.3A, 9.1B, 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.