

# SAFETY DATA SHEET



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

**Product Name:** MULTI CLEAN (MULTI PURPOSE DEGREASER)  
**Proper Shipping Name** CORROSIVE LIQUID,BASIC,INORGANIC,N.O.S.  
**Recommended use:** General Purpose Cleaner/Degreaser/ C31 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** 16 November 2018

## Section 2: Hazard Identification

This substance is hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001



**Corrosive**

Cleaning Products (Corrosive) Group Standard 2006  
The HSNO Approval Number - Group Standard HSR002526

**Signal: DANGER**

HSNO Classification	Hazard Code	Hazard Statement	GHS Category
8.2B	H314	Causes severe skin burns and eye damage.	Category 1B
8.3A	H318	Causes serious eye damage.	Category 1

9.1C

H412

Harmful to aquatic life with long lasting effects.

Category 3

**Prevention Code**

P102  
P103  
P260  
P264  
P273  
P280

**Prevention Statement**

Keep out of reach of children.  
Read label before use.  
Do not breathe fumes, mist or vapours.  
Wash hands thoroughly after handling.  
Avoid release to the environment.  
Wear protective clothing.

**Response code**

P101  
P310  
P363  
P301 + P330+P331  
P303 + P361+P353  
P304 + P340  
P305 + P351+P338

**Response Statement**

If medical advice is needed, have product container or label at hand.  
Immediately call a POISON CENTER or doctor/physician.  
Wash contaminated clothing before reuse.  
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.  
IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Storage Code**

P405

**Storage Statement**

Store locked up.

**Disposal Code**

P501

**Disposal Statement**

See section 13 for details.

**Section 3: Composition/Information on Ingredients**

<b>Name</b>	<b>% by Wt.</b>	<b>CAS Number</b>
Water	70.0 – 90.0	7732-18-5
2 Butoxy Ethanol	1.0 – 5.0	111-76-2
Sodium Metasilicate	3.0 – 8.0	10213-79-3
Nonionic Surfactant	5.0 – 10.0	9016-45-9

**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. Immediately call a POISON CENTER or doctor/physician.
<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>	Dry Powder, Carbon Dioxide, Foam
<b>Fire Fighting Instructions:</b>	In case of fire: Evacuate area.
<b>Unusual Fire and Explosion Hazards:</b>	Burning can produce Carbon Monoxide &/or Carbon Dioxide

## Section 6: Accidental Release Measures

Spillages will be slippery. If local regulations permit, mop up with plenty of water and run to waste, diluting with copious amounts of running water. Otherwise, absorb on inert medium, transfer to salvage containers and arrange removal by licensed disposal company. Wash site of spillage thoroughly with water. Ventilate area to dispel any residual vapor or odors.

## Section 7: Handling And Storage

<b>Handling</b>	Handle carefully. Check regularly for spills, Read label before use. Do not breathe fumes, mist or vapours. Wash hands thoroughly after handling. Avoid release to the environment. Wear protective clothing.
<b>Storage:</b>	Store in a cool, well ventilated placed, out of the reach of children. Large quantities should be stored in a bunded area. Store in original container. Keep away from acids and oxidizing agents. Prevent vapours from collecting in low-lying or enclosed spaces. Protect from physical damage.

## Section 8: Exposure Controls/Personal Protection

### WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
2-Butoxyethanol (skin) [111-76-2]	25	121	-	-

Workplace Exposure Standard – Time Weighted Average (WES-TWA). *The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure.* Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). *The 15-minute average exposure standard.* Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

<b>Engineering Controls:</b>	<b>Local Ventilation.</b>
<b>Eye / Face Protection:</b>	<b>Full face protection with side shields.</b>
<b>Body Protection:</b>	<b>PVC overalls</b>
<b>Respiratory Protection:</b>	<b>Not required</b>

## Section 9: Physical And Chemical Properties

<b>Appearance:</b>	Clear Red Liquid
<b>Physical State:</b>	Liquid
<b>Odour:</b>	
<b>pH:</b>	13
<b>Solubility:</b>	Complete
<b>Vapour Density:</b>	Not available
<b>Boiling Point:</b>	Not available
<b>Freezing Point:</b>	Not available
<b>Ignition Point:</b>	Not available
<b>Flash Point:</b>	Not available
<b>Specific Gravity:</b>	1.04
<b>Vapour Pressure:</b>	Not available
<b>% Volatiles:</b>	Not available

## Section 10: Stability And Reactivity

**Stability of the Substance:** Stable under normal environmental conditions  
**Conditions to avoid:** Oxidising agents and acids  
**Materials to avoid:** Carbon dioxide/carbon monoxide  
**Hazardous Decomposition Products:** Not known  
**Conditions Contributing to Hazardous Polymerization**

## Section 11: Toxicological Information

**Inhalation:** Inhalation Form:dust/mist; SPECIES: Rat ;ENDPOINT: LC50  
VALUE: 2.21 mg/l

**Ingestion:** REMARK: Ingestion of this chemical is the most common route of entry with subsequent corrosive injury of the gastrointestinal tract being the major concern rather than systemic absorption as for other toxins. Acute oral toxicity LD50 to rats is 1280 mg/kg as a 10% aqueous solution. (. Acute oral toxicity LD50 to mice is 2400 mg/kg as a 10% aqueous solution.

**Skin:** SPECIES: Rabbit  
ENDPOINT: LD50; VALUE: 1350 mg/kg

**Eye:** SPECIES: Rabbit, Rat, Guinea Pig and Mouse  
RESULT: Severe  
SPECIES:  
RESULT: Contact with the eyes causes disintegration and sloughing of conjunctival 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.

**Acute Over-Exposure:**

**Chronic Effects:** None listed.

## Section 12: Ecological Information

**Harmful to aquatic life with long lasting effects**

**Environmental Precautions:** Bioaccumulative : No

**Ecological Toxicity:** SPECIES: Oncorhynchus mykiss (Fish, fresh water)  
TYPE OF EXPOSURE: Static  
DURATION: 96 hr  
ENDPOINT: LC50  
VALUE: 45.4 mg/l

**Do not allow to enter waterways.**

## Section 13: Disposal Considerations

Dispose through Licensed Disposal Company

## Section 14: Transport Information

This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2012



UN No: 3266  
Proper Shipping Name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.  
Dangerous Goods Class: 8  
Packing Group: III  
Hazchem Code: 2X

## Section 15: Regulatory Information

HSNO Approval No: HSR002526  
Group Standard: Cleaning Product (Corrosive) Group Standard 2006  
HSNO Classes: 8.2B, 8.3A, 9.1C

	Trigger Quantity
Approved Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000kg/L
Emergency Response Plan	1000kg/L
Secondary Containment	1000kg/L
Restriction of Use	None

## 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,  
Phone: +64 (09) 634 3862 / +64 (0)27 473 6008  
Fax : +64 (09) 634 3864

Marketing Chemicals Ltd has taken care in compiling this information. No liability is accepted directly or indirectly from its application as conditions of use are outside the Company's control. End users are obliged to conform to relevant Local Government regulations.

End of Safety Data Sheet.