

MATERIAL DATA SAFETY SHEET

Hazardous According to the Criteria of NOHSC

1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	ULTRASONIC STEEL CLEANER
Other Name:	None
Manufacturer's Product Code:	U-XXXX, U-XXXX
Recommended Use:	HEAVY DUTY CLEANING for Decarbonizing, Derusting and Degreasing metals C31 2017 – 10 - 17
Supplier Name:	INDUSTRIAL ULTRASONICS NZ
Supplier Address:	59A Mahunga Drive Mangere Bridge 2022 AUCKLAND Ph: + 64 9 4136405 Fax: + 64 9 4136489
Emergency No.:	+64 21 704 808

2 HAZARDS IDENTIFICATION

HEALTH EFFECTS

Hazard Classification Hazardous Substance, Dangerous goods.

Hazard classification according to the criteria of NOHSC. Dangerous goods classification according to the New Zealand Dangerous Goods Code.

Risk Phrase(s) R35 Causes severe burns

Safety Phrase(s) S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37 Wear suitable gloves.
S39 Wear eye/face protection.
S24/25 Avoid contact with skin and eyes.

3 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	PROPORTION (%WT)	CAS Number
SODIUM HYDROXIDE	30 - 40%	1310-73-2
TRIETHANOLAMINE	0 – 10%	102-71-6
SODIUM GLUCONATE	0 to 10%	527-07-1
INGREDIENTS DETERMINED NOT TO BE HAZARDOUS	0 - 5%	
WATER	BALANCE	7732-18-5

4 FIRST AID MEASURES**FIRST AID**

Swallowed	Seek medical advice if effects persist. Rinse mouth thoroughly with water immediately. Give water to drink. DO NOT induce vomiting.
Eye	Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical advice if effects persist.
Skin	Wash affected areas with copious quantities of water immediately. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.
Inhaled	For all but the most minor symptoms arrange for patient to be seen by a doctor as soon as possible - either on site or at the nearest hospital. Not considered a feature of normal use.
Other Information	Use good occupational work practice.
ADVICE TO DOCTOR	
Advice to Doctor	Treat symptomatically.

5 FIRE FIGHTING MEASURES

Fire/Explosion Hazard:	Non-combustible. Non-flammable.
Hazchem code:	None allocated
Flammability:	This material is not a flammable or combustible liquid.

6 HANDLING AND STORAGE**EXPOSURE FOR USE**

Exposure Limits	Name	STEL (mgm3)	STEL (ppm)	TWA (mgm3)	TWA (ppm)	FootNote
	ethylene glycol			121	25	
	monobutyl ether					

Other Exposure Info. No exposure limits proposed by National Health and Medical Research Council.
 Eng. Controls No special ventilation required. Avoid generation and inhalation of mists or aerosols.

STORAGE No special precautions required. Keep containers securely sealed and protected against physical damage

7 PERSONAL PROTECTION**Personal Protection Equipment**

Avoid skin and eye contact. Wear when using the concentrate and solutions. PVC or rubber gloves. Safety glasses, goggles or face-shield as appropriate

8 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, blue foaming liquid with a sweet etherial colour
Melting Point:	0°C
Boiling Point:	approx. 100° C
Vapour Pressure:	18mm Hg at 20°C
Specific Gravity:	1.10 +/- 0.005 at 20°C
Flash Point:	Not flammable
Flammability Limits LEL:	Not Required

Other Properties

pH 100% 1% soln 11.3

Form: Liquid

9 SPILLS AND DISPOSAL

Isolate leaking containers and stop leak if safe to do so. Flush to sewer as a greatly diluted solution. Slippery when spilt. Avoid accidents, clean up immediately.

10 STABILITY AND REACTIVITY

Fire/Explos. Nil hazard. Non-combustible

Hazard In case of fire in the surroundings use the appropriate extinguishing method for the area.

Hazardous Reaction No Reactivity Data available

11 TOXICOLOGICAL INFORMATION

Toxicology Oral LD50 (rat): 3000 mg/kg
IRRITATION DATA:
Skin: Human: 2.5 grams/24 hours : Severe
Skin: Rabbit: 2.5 grams/24 hours : Severe

12 ECOLOGICAL INFORMATION

Environment Protection Biodegradable.
No particular hazard to the environment.

13 DISPOSAL CONSIDERATIONS

Waste Water Neutralize waste water with dilute acid to a PH of 6-10. Consult local trade waste regulations

14 TRANSPORT INFORMATION

UN Number:	1824
Proper Shipping Name:	Sodium Hydroxide Solution
Dangerous Goods Class:	8
Hazchem Code:	2R
Packing Group:	II
Packaging Method:	3.8.8RT8
EPG Number:	8A1
IERG Number:	37

15 REGULATORY INFORMATION

Regulatory Information Hazardous according to the criteria of NOHSC Australia.

Poisons Schedule S6

Hazard Category Corrosive

16 OTHER INFORMATION

Contact Australia
Person/Point 24 HOUR EMERGENCY CONTACT (ACOHS Pty Ltd): 1 800 638 556 Poisons Information Centre (Australia): 13 11 26

New Zealand:

NZ National Poisons Centre (24 Hour): 0800 764 766
DISCLAIMER: This Material Safety Data Sheet summarises at the date of issue to the best of our knowledge, the health and safety hazards of the product and how to safely handle and use the product. As Applied Australia cannot anticipate or control the conditions under which the product is used, customers are encouraged, prior to usage, to assess and control the risks associated with their use of the product. This MSDS is valid for 5 years from date of issue. However, this version may be revoked and revised at any time, and users should contact Applied Australia to ensure they are in possession of the latest version.

Literature References ASCC: Hazardous Substances Information System. Hazard Classification, Risk and Safety Phrases and Exposure Standards information. National Code of Practice for the Preparation of Material Safety Data Sheets, 2nd Edition [NOHSC:2011(2003)] Approved Criteria for Classifying Hazardous Substances, 3rd Edition [NOHSC:1008(2004)] Australian Code for the Transport of Dangerous Goods by Road and Rail. International Maritime Dangerous Goods Code. International Air Transport Association Dangerous Goods Regulations.

Revisions Highlighted Updated information layout to comply with NOHSC 16 header format requirements.

END OF MSDS