

Infosafe No™ VAR1T	Issue Date : December 2016	ISSUED by HUNTER
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 Product Name **UNIVERSAL CLEANER**

1. Identification

GHS Product Identifier UNIVERSAL CLEANER

Company Name Hunter Industrials Pty Ltd (ABN 083 330 974)

Address 51-53 Lakewood Blvd
Braeside
Vic 3195 Australia

Telephone/Fax Number Tel: (03) 9586 2888
Fax: (03) 9587 9851

Emergency phone number 0409 949 298

E-mail Address sales@huntind.com.au

Recommended use of the chemical and restrictions on use Multi purpose heavy duty alkaline degreaser.

2. Hazard Identification

GHS classification of the substance/mixture Eye Damage/Irritation: Category 2A
Skin Corrosion/Irritation: Category 2

Signal Word (s) WARNING

Hazard Statement (s) H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary statement – General P102 Keep out of reach of children.
P103 Read label before use.

Pictogram (s) Exclamation mark



Precautionary statement – Prevention P264 Wash contaminated skin thoroughly after handling
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.

Precautionary statement – Storage P404 Store in a closed container.

Precautionary statement – Disposal P501 Dispose of contents/container: Recycle packaging by replacing cap and returning clean containers to recycler or designated collection point.

3. Composition/information on ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Water	7732-18-5	60-100 %
	Non hazardous surfactants	Mixture	10-30 %
	Ingredients determined not to be hazardous		0-10 %
	Alkaline Salts		0-10 %
	2-Butoxyethanol	111-76-2	0-10 %

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Ingredients	Name	CAS	Proportion
	Sodium hydroxide	1310-73-2	1-5 %

4. First-aid measures

Inhalation	Remove from exposure. If aspirated into the lungs, obtain immediate medical attention.
Ingestion	If swallowed, do NOT induce vomiting. Give a glass of water to be taken slowly. See a doctor.
Skin	If skin contact occurs, remove contaminated clothing and wash skin thoroughly.
Eye contact	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
First Aid Facilities	Eye wash station and normal washroom facilities.
Advice to Doctor	Vomiting has not been induced because of risk of aspiration into the lungs. Treat symptomatically. Contact Poisons Information Centre.

5. Fire-fighting measures

Suitable extinguishing media	Use extinguishing media appropriate to surrounding fire.
Hazards from Combustion Products	Water vapour, carbon dioxide and oxides of nitrogen and phosphorous. Incomplete combustion may generate carbon monoxide.
Specific Methods	In case of small fire/explosion use water. In case of major emergency use PPE: breathing apparatus and protective gloves.
Specific hazards arising from the chemical	Not a fire hazard. Not an explosion hazard.

6. Accidental release measures

Spills & Disposal	Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance. Spillages will be very slippery. Contain large spills with an inert material such as sand, soil or vermiculite. Collect and seal in properly labelled containers for disposal. Small spills may be mopped up. If local regulations permit, wash down area with excess water and run to waste, diluting greatly with running water. Otherwise absorb on inert absorbent, transfer to container and arrange removal by disposals company. Wash site of spillage thoroughly with water. Ventilate area to dispel any residual vapour.
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7. Handling and storage

Conditions for safe storage, including any incompatibilities	Store in cool place in original container. Store away from oxidising agents, acids and foodstuffs. Keep containers closed when not in use. Store out of reach of children. Large quantities should be stored in a bunded area. Do not mix with other chemicals. Clean up all spills and splashes promptly; avoid secondary accidents.
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8. Exposure controls/personal protection

Occupational exposure limit values	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	2-Butoxyethanol			121	25	
	Sodium hydroxide			2		Peak limitation
Appropriate engineering controls	None for normal domestic use. If handling industrial quantities, consider local mechanical exhaust/extraction to keep airborne concentration below TLV.					
Personal Protective Equipment	Prevent contact with the eyes. Avoid contact with the skin. Avoid breathing vapours. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:- Goggles, face shield or safety glasses					

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Gloves, rubber or plastic
Plastic apron, sleeves and boots.
Always maintain a high level of personal hygiene when using cleaning chemicals. That is wash hands before eating, drinking, smoking or using the toilet.

9. Physical and chemical properties

Form	Liquid
Appearance	Clear, deep red liquid
Colour	Red.
Odour	Slight smell of detergents.
Boiling Point	About 100°C
Solubility in Water	Soluble in water in all proportions.
Specific Gravity	1.08
pH	highly alkaline, >13
Vapour Pressure	Not available.
Flash Point	None
Flammability	Not flammable.
Other Information	Highly alkaline. Will react with acids. May react with strong oxidising agents. Slippery when spilled.

10. Stability and reactivity

Chemical Stability Stable under normal use conditons.

11. Toxicological Information

Acute Toxicity - Oral	LD50 2-Butoxy ethanol 530-3000mg/kg oral, rat Surfactants >1.800 mg/kg oral, rat Sodium hydroxide 140 mg/kg oral, rabbit
Ingestion	Harmful if swallowed. May burn throat and gastrointestinal tract. May cause gastric upset.
Inhalation	Unlikely route owing to the low volatility of ingredients. If aspirated into the lungs during swallowing or vomiting, may lead to chemical pneumonitis.
Skin	Will have a strong degreasing effect on the skin. May cause irritation. Repeated or prolonged skin contact may lead to irritant contact dermatitis. Can be absorbed through the skin with resultant toxic effects.
Eye	Irritant. If contact is prolonged, may cause tissue injury. Vapour can also irritate the eyes.
Chronic Effects	Evidence from animal tests with 2-butoxy ethanol indicate that repeated or prolonged exposure to this chemical could result in liver, kidney, blood and central nervous system disorders.

12. Ecological information

Environmental Protection Avoid contaminating waterways, drains, sewers, or ground.

13. Disposal considerations

Waste Disposal Land fill, incineration, sewer (small quantities). Refer to Land Waste Management Authority in your State.

14. Transport information

Transport Information Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

15. Regulatory information

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Poisons Schedule S5

16. Other Information

**Date of preparation
or last revision of
SDS** 11/12/2016**Literature
References** Preparation of Safety Data Sheets for hazardous Chemicals Code of Practice
Standard for the Uniform Scheduling of Medicines and Poisons
Australian Code for the Transport of Dangerous Goods by Road & Rail
Globally Harmonised System of classification and labelling of chemicals**Signature of
Preparer/Data
Service** Technical Manager 03 9580 2499**Technical Contact
Numbers** Emergency Advice All Hours:
Tel: 0409 949 298 Mon-Fri 8am - 6pm
Poisons Information Centre: 13 11 26 - 24hrs**Other Information** This SDS summarises at the date of issue our best knowledge of the
health and safety hazard information of the product, and in particular how
to safely handle and use the product in the Workplace. Please refer to the
technical datasheet (Instructions for use), and the label on the drum. The
company cannot anticipate or control the individual working conditions
encountered and so each user should read this SDS carefully, and if in
doubt ring the Contact Point Number given below.
...End Of MSDS...

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