

Infosafe No™ VAR2J	Issue Date : January 2012	ISSUED by HUNTERST
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Product Name **PRO-CLEAN SPRAY & WIPE**

Classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name PRO-CLEAN SPRAY & WIPE
Company Name Hunters Products (TAS) Pty. Ltd. (ABN 004 601 263)
Address 60 Gleadow Street INVERMAY
TAS 7248 Australia
Emergency Tel. 0407 610 542
Telephone/Fax Number Tel: 03 6431 9627
Fax: 03 6432 2083
Recommended Use Alkaline surfactant solution.

2. HAZARDS IDENTIFICATION

Hazard Classification Classified as hazardous according to criteria of NOHSC
HAZARDOUS SUBSTANCE.
NON-DANGEROUS GOODS.
Hazard classification according to the criteria of NOHSC.
Dangerous goods classification according to the Australia Dangerous Goods Code.

Risk Phrase(s) Classified as hazardous according to criteria of NOHSC
R34 Causes burns.

Safety Phrase(s) S1/2 Keep locked up and out of reach of children.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39 Wear suitable gloves and eye/face protection.
S45 In case of accident or if you feel unwell seek medical advice immediately

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization Liquid

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Water	7732-18-5	60-100 %
	Sodium hydroxide	1310-73-2	<5%
	Ingredients determined not to be hazardous		<10%
	Non hazardous surfactants	Mixture	<10%
	Glycolethers		<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.

Skin If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Wash clothing thoroughly before re-use.

Eye If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.

First Aid Facilities Eye wash station and normal washroom facilities.

Advice to Doctor Product is an alkaline aqueous solution containing low proportions of sodium hydroxide and mixed surfactants. Risk of serious damage to eyes. Contact Poisons Information Centre.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Use extinguishing media appropriate to surrounding fire.

Hazards from Combustion Products Water vapour, oxides of carbon, oxides of nitrogen. Incomplete combustion may generate carbon monoxide.

Specific Methods In case of small fire/explosion use water. In case of major emergency use PPE:

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Specific Hazards breathing apparatus and protective gloves.
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.

7. HANDLING AND STORAGE

Conditions for Safe Storage 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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	Sodium hydroxide			2		Peak limitation
Engineering Controls	Avoid using aluminium, tin, zinc or galvanised iron as materials of construction. Ensure adequate ventilation (same as outdoors) when using. If handling industrial quantities, or if vapour/aerosol risk exists, consider local mechanical exhaust/extraction to keep airborne contamination as low as possible, and at least below the 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:- Normal Use: Eye/face protection Gloves, rubber or plastic. Industrial Quantities: Face shield or safety glasses Gloves, rubber or plastic Plastic apron, sleeves and boots Impervious overalls. 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, orange-red, mobile liquid.
Odour	Slightly rancid smell.
Boiling Point	About 100°C
Solubility in Water	Soluble in water in all proportions.
Specific Gravity	1.0
pH Value	Very alkaline.
Vapour Pressure	Not available.
Colour	Orange-red
Flash Point	None

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Flammability	Not flammable.
Other Information	Alkaline mixture. May react vigorously with strong acids. May react with oxidising agents. Contact with aluminium, tin or zinc may generate hydrogen, a flammable gas. Slippery when spilled.

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal use conditons.
Conditions to Avoid	Incompatible materials.
Incompatible Materials	Acids, oxidising agents, active metals.
Hazardous Decomposition Products	Oxides of carbon, oxides of nitrogen.
Hazardous Reactions	May react vigorously with acids.

11. TOXICOLOGICAL INFORMATION

Inhalation	Unlikely route owing to the low volatility of ingredients. If aspirated into the lungs during swallowing or vomiting, may lead to chemical pneumonitis.
Ingestion	Harmful if swallowed. May burn throat and gastrointestinal tract. May cause gastric upset.
Skin	Will have a strong degreasing effect on the skin. May cause irritation. Repeated or prolonged skin contact may lead to irritant contact dermatitis.
Eye	Irritating to eyes. May cause redness, pain and possible burns.
Chronic Effects	Repeated skin contact may lead to irritation and chemical burns.
Acute Toxicity - Oral	LD50: Surfactants >1.800 mg/kg oral, rat Sodium hydroxide 500 mg/kg oral, rabbit Diethylene glycol monoethyl ether 5,500 mg/kg oral, rat.

12. ECOLOGICAL INFORMATION

Ecotoxicity	May be harmful to aquatic organisms.
Mobility	Readily transported by water.
Other Adverse Effects	Contains a small proportion of phosphate; may contribute to algal blooms.
Environ. Protection	Avoid contaminating waterways, drains, sewers, or ground.

13. DISPOSAL CONSIDERATIONS

Waste Disposal	Refer to Land Waste Management Authority in your State.
Product Disposal	Avoid disposal to natural waters or the environment. Contains a small proportion of phosphate; may contribute to algal blooms.
Special precautions for landfill or incineration	Unsuitable for incineration.

14. TRANSPORT INFORMATION

Transport Information	Non regulated.
Special Precautions for User	Store away from acids.

15. REGULATORY INFORMATION

Poisons Schedule	S5
Hazard Category	Corrosive
AICS (Australia)	All components listed.

16. OTHER INFORMATION

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Signature of Preparer/Data Service Technical Manager (03) 6431 9627

Technical Contact Numbers Emergency Advice All Hours:
Technical Manager: (03) 6431 9627 Mon-Fri 8am - 6pm
Poisons Information Centre: 13 11 26 - 24hrs
Transport/Fire Emergency: 000 (Emergency services)

Other Information NOTICE: This MSDS 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 MSDS carefully, and if in doubt ring the Contact Point Number given below.
...End Of MSDS...

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