

Infosafe No™ VAR6V                      Issue Date : December 2015                      ISSUED by HUNTERST

Product Name **SHIFT**

Classified as hazardous

## ADDENDUMS

### 1. Identification

**GHS Product Identifier**                      SHIFT

**Company Name**                      Hunters Products (TAS) Pty. Ltd. (ABN 004 601 263)

**Address**                      60 Gleadow Street INVERMAY  
TAS 7248 Australia

**Telephone/Fax Number**                      Tel: 03 6331 4755  
Fax: 03 6334 1065

**Emergency phone number**                      0407 610 542

**Recommended use of the chemical and restrictions on use**                      Multi-Purpose Industrial Cleaner. Use diluted as directed on the label.

### 2. Hazard Identification

**GHS classification of the substance/mixture**                      ED1 Eye Damage/Irritation: Category 1  
SC-1B Skin Corrosion/Irritation: Category 1B

**Signal Word (s)**                      Danger

**Hazard Statement (s)**                      H314 Causes severe skin burns and eye damage.

**Precautionary statement – General Pictogram (s)**                      P102 Keep out of reach of children.  
P104 Read Safety Data Sheet before use  
Corrosion



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

**Precautionary statement – Response**                      P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER or doctor/physician.  
P363 Wash contaminated clothing before reuse.  
P390 Absorb spillage to prevent material damage  
P405 Store locked up.

**Precautionary statement – Storage**

**Precautionary statement – Disposal**                      P501 Dispose of contents/container in accordance with local regulations.

### 3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Non hazardous surfactants	Mixture	1-10 %
	Glycoethers		1-5 %
	Sodium hydroxide	1310-73-2	1-5 %
	Ingredients determined not to be hazardous, including water.		to 100%

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#### 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 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. 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.

#### 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.

#### 8. Exposure controls/personal protection

Occupational exposure limit values	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	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 or safety glasses  
 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

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<b>Form</b>	Liquid
<b>Appearance</b>	Clear orange-red mobile liquid
<b>Odour</b>	Slightly rancid smell
<b>Boiling Point</b>	About 100°C
<b>Solubility in Water</b>	Soluble in water in all proportions.
<b>Specific Gravity</b>	1.0
<b>pH</b>	11.0 - 13.0
<b>Vapour Pressure</b>	Not available.
<b>Flash Point</b>	None
<b>Flammability</b>	Not flammable.
<b>Other Information</b>	Highly alkaline. Will react with acids. May react with strong oxidising agents. Slippery when spilled.

## 10. Stability and reactivity

<b>Chemical Stability</b>	Stable under normal use conditons.
<b>Conditions to Avoid</b>	Heat, flames and other ignition sources.
<b>Incompatible Materials</b>	Strong alkalis, acids, oxidizing agents, ammonium salts, soft metals.
<b>Hazardous Decomposition Products</b>	Contact with aluminium, tin, zinc or galvanised iron can generate hydrogen, a flammable gas. Contact with ammonium compounds can generate ammonia, a poisonous gas. Will react vigorously or violently with acids.

## 11. Toxicological Information

<b>Acute Toxicity - Oral</b>	LD50 Surfactants >1.800 mg/kg oral, rat Sodium hydroxide 500 mg/kg oral, rabbit
<b>Ingestion</b>	Harmful if swallowed. May burn throat and gastrointestinal tract. May cause gastric upset.
<b>Inhalation</b>	Unlikely route owing to the low volatility of ingredients. If aspirated into the lungs during swallowing or vomiting, may lead to chemical pneumonitis.
<b>Skin</b>	Will have a strong degreasing effect on the skin. May cause burns. Repeated or prolonged skin contact may lead to irritant contact dermatitis.
<b>Eye</b>	Corrosive. May cause tissue injury.
<b>Chronic Effects</b>	Long term, low level exposure can lead to irritation of skin, lungs, nose, throat and mouth.

## 12. Ecological information

<b>Ecotoxicity</b>	In case of product reaches waters untreated, harmful effects on fish and aquatic organism are possible.
<b>Mobility</b>	Readily transported in water
<b>Information on Ecological Effects</b>	Contains a small proportion of phosphate; may contribute to algal blooms.
<b>Environmental Protection</b>	Avoid contaminating waterways, drains, sewers, or ground.

## 13. Disposal considerations

<b>Waste Disposal</b>	Land fill, incineration, sewer (small quantities). Refer to Land Waste Management Authority in your State.
<b>Special precautions for landfill or incineration</b>	Unsuitable for incineration.

## 14. Transport information

<b>Transport Information</b>	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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## 15. Regulatory information

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

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## 16. Other Information

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**Signature of Preparer/Data Service**                      Technical Manager 0407 610 542

**Technical Contact Numbers**                      Emergency Advice All Hours:  
Technical Manager: 0407 610 542 Mon-Fri 8am - 6pm  
Poisons Information Centre: 13 11 26 - 24hrs  
Transport/Fire Emergency: 000 (Emergency services)

**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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