

Infosafe No™ VAR3J	Issue Date : April 2016	ISSUED by HUNTER
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 Product Name **SHOWER CLEANER**

Classified as hazardous

## 1. Identification

**GHS Product Identifier** SHOWER 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** An alkaline chlorinated foaming hard surface cleaner.

## 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.  
H402 Harmful to aquatic life.

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

**Pictogram (s)** Exclamation mark



**Precautionary statement – Prevention** P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
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.  
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.  
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 %
	Ingredients determined not to be hazardous		0-10 %
	Non hazardous surfactants	Mixture	0-10 %

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Ingredients	Name	CAS	Proportion
	Sodium hypochlorite	7681-52-9	0-5 %
	Sodium hydroxide	1310-73-2	0-1 %

#### 4. First-aid measures

<b>Inhalation</b>	Remove patient from contaminated area: May give oxygen if breathing is difficult. Get patient to doctor or hospital immediately.
<b>Ingestion</b>	Immediately rinse mouth with water. Do NOT induce vomiting. Slowly give water to drink. Seek medical assistance.
<b>Skin</b>	If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If swelling, redness, blistering, or irritation occurs seek medical advice.
<b>Eye contact</b>	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
<b>First Aid Facilities</b>	Eye wash station and normal washroom facilities.
<b>Advice to Doctor</b>	Product is a dilute alkaline solution of sodium hydroxide and mixed detergents, also containing about 3% available chlorine. Mildly corrosive. Vomiting has not been induced because of risk of aspiration into lungs. Contact Poisons Information Centre.

#### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Use extinguishing media appropriate to surrounding fire.
<b>Hazards from Combustion Products</b>	Water vapour, carbon dioxide, hydrogen chloride and oxides of nitrogen. Incomplete combustion may generate carbon monoxide.
<b>Specific Methods</b>	In case of small fire/explosion use water. In case of major emergency use PPE: breathing apparatus and protective gloves.
<b>Specific hazards arising from the chemical</b>	Not combustible.
<b>Other Information</b>	Avoid contact with coloured fabric as Chlorine may bleach colour out. May give off dangerous gas if mixed with other products.

#### 6. Accidental release measures

<b>Spills &amp; Disposal</b>	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

<b>Conditions for safe storage, including any incompatibilities</b>	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	
	Sodium hydroxide			2		Peak limitation

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<b>Appropriate engineering controls</b>	Do not use aluminium, tin, zinc or galvanised iron as materials of construction. For normal use, ensure good adequate ventilation, i.e. same as outdoors. If handling industrial quantities, consider local mechanical exhaust/extraction to keep airborne contamination below TLVs.
<b>Personal Protective Equipment</b>	Wear rubber or plastic gloves, waterproof footwear and eye protection. If risk of splashes into eyes, wear safety glasses with side shields. 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

<b>Form</b>	Liquid
<b>Appearance</b>	Clear yellow mobile liquid
<b>Odour</b>	Chlorine odour.
<b>Solubility in Water</b>	Miscible with water in all proportions.
<b>Specific Gravity</b>	1.06
<b>pH</b>	11.5 - 12.5
<b>Vapour Pressure</b>	Not available.
<b>Flash Point</b>	None
<b>Flammability</b>	Not flammable.

## 10. Stability and reactivity

<b>Chemical Stability</b>	Stable under normal use conditons.
<b>Conditions to Avoid</b>	Heat, flames, ignition sources and incompatibles.
<b>Incompatible Materials</b>	Acids, oxidizing agents, aluminium, tin, galvanised steel.
<b>Hazardous Decomposition Products</b>	May react vigorously with acids, generating chlorine, a poisonous gas.
<b>Possibility of hazardous reactions</b>	My form toxic oxides of Chlorine if involved in a fire.

## 11. Toxicological Information

<b>Acute Toxicity - Oral</b>	LD50 Mixed surfactants: 1800-3400mg/kg oral, rat. Sodium hydroxide 273 mg/kg oral, rat LDLo: Sodium hypochlorite: 12 ml/kg oral, rat
<b>Ingestion</b>	Mildly corrosive. May cause burns and desquamation. Severe irritant. Moderately toxic.
<b>Inhalation</b>	Product does give off chlorine but not normally at use concentrations. Severe irritant to respiratory tract. Slightly toxic.
<b>Skin</b>	Mildly corrosive. May cause burns and desquamation. Moderate to severe irritant.
<b>Eye</b>	Mildly corrosive. Causes burns and desquamation. Severe irritant.
<b>Chronic Effects</b>	Repeated skin contact with the liquid may lead to dermatitic effects. Repeated contact with chlorine may cause chloracne.

## 12. Ecological information

<b>Information on Ecological Effects</b>	Harmful to aquatic life.
<b>Environmental Protection</b>	Avoid contaminating waterways, drains, sewers, or ground.

## 13. Disposal considerations

<b>Waste Disposal</b>	Land fill, sewer (small quantities). Refer to Land Waste Management Authority in your State.
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**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**

<b>Poisons Schedule</b>	S5
<b>Hazard Category</b>	Irritant

**16. Other Information**

<b>Signature of Preparer/Data Service</b>	Technical Manager 03 9580 2499
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<b>Technical Contact Numbers</b>	Emergency Advice All Hours: Tel: 0409 949 298 Mon-Fri 8am - 6pm Poisons Information Centre: 13 11 26 - 24hrs
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<b>Other Information</b>	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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