

Infosafe No™ VARK2 Issue Date : May 2015 ISSUED by HUNTER

Product Name **AUTO WASH DETERGENT**

Not classified as hazardous

## 1. Identification

**GHS Product Identifier** AUTO WASH DETERGENT

**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** As a machine dishwashing detergent, safe on all surfaces including aluminium.

## 2. Hazard Identification

**GHS classification of the substance/mixture** ED2B Eye Damage/Irritation: Category 2B

**Signal Word (s)** Warning

**Hazard Statement (s)** H320 Causes eye irritation

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

**Pictogram (s)** None

**Precautionary statement – Prevention** P264 Wash hands thoroughly after handling.

**Precautionary statement – Response** P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical advice/attention.

**Precautionary statement – Storage** P410+P403 Protect from sunlight. Store in a well-ventilated place.

**Precautionary statement – Disposal** See section 13 for waste disposal information.

## 3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Sodium Silicate Solution	1344-09-8	10-30 %
	Sodium Hypochlorite 12.5%	7681-52-9	10-30 %
	Other ingredients determined not to be hazardous, including water	N/A	to 100%

## 4. First-aid measures

**Inhalation** Remove from exposure. If aspirated into the lungs, obtain immediate medical attention.

**Ingestion** Do NOT induce vomiting. Give a glass of water to be taken slowly. Seek medical assistance.

**Skin** If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If irritation persists see a doctor.

**Eye contact** If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

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**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. Contact Poisons Information Centre. Treat symptomatically.

## 5. Fire-fighting measures

**Suitable extinguishing media** Use dry chemical, carbon dioxide, foam or water fog, appropriate to surrounding fire.

**Hazards from Combustion Products** Decomposes on heating emitting oxides of carbon.

**Combustion Products**

**Specific hazards arising from the chemical** This material is not a flammable or combustible liquid.

## 6. Accidental release measures

**Spills & Disposal** Material may be slippery when spilt. Walk cautiously. Ventilate area. Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this MSDS. Bund area using sand or soil - to prevent run off into drains and waterways. Use absorbent (soil, sand, vermiculite or other inert material). Collect and seal in properly labelled containers for disposal.

## 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

**Appropriate engineering controls** Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended. Prevent any risk of inhalation of atomised product.

**Personal Protective Equipment** Avoid contact with the skin and eyes. Avoid breathing of vapours/gases. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:-  
Gloves, PVC or natural rubber  
Chemical goggles or faceshield to protect eyes.  
Respirators in accordance with AS/NZS 1715/1716. The use of a P1 dust mask (disposable) or with replaceable filters is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant. 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 water white liquid

**Odour** Chlorine

**Boiling Point** 100C

**Solubility in Water** Miscible with water in all proportions.

**Specific Gravity** 1.27

**pH** 10.9 (1% solution)

**Vapour Pressure** Not available.

**Flash Point** None

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**Flammability** Not flammable.

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**10. Stability and reactivity****Chemical Stability** Stable under normal use conditons.**Conditions to Avoid** Heat, flames, ignition sources and incompatibles.**Incompatible Materials** Strong alkalis, acids, oxidizing agents.**Hazardous Decomposition Products** Emits smoke and fumes of chlorine gas when heated to decomposition.

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**11. Toxicological Information****Toxicology Information** No adverse health effects are expected, if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:**Acute Toxicity - Oral Ingestion** There is no other toxicological information available for this product.**Inhalation** If ingested in substantial quantities, burning of the mouth, difficulty swallowing, chest pain, increased salivation, nausea, and vomiting can be expected.**Skin** May cause irritation to the nose, throat and respiratory system with effects including: Dizziness and headache. During normal use, symptoms are unlikely to occur.**Eye** May cause irritation to the skin, with effects including; Redness and itchiness.**Chronic Effects** Will cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision. Depending upon duration of exposure, eye damage may occur.

Prolonged or repeated skin contact may lead to dermatitis. Prolonged contact may cause severe eye irritation and some form of permanent eye damage may occur.

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**12. Ecological information****Ecotoxicity** Not poisonous to aquatic environments in large concentrations.**Persistence and degradability** Inherently Biodegradable**Mobility** Readily dilutes with water**Environmental Protection** Avoid contaminating waterways, drains, sewers, or ground.

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**13. Disposal considerations****Waste Disposal** Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Normally suitable for disposal by approved waste disposal agent.

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**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.

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**15. Regulatory information****Poisons Schedule** S5**AICS (Australia)** All components listed.

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**16. Other Information****Signature of Preparer/Data Service** Technical Manager 03 9580 2499

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**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 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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