

MATERIAL SAFETY DATA SHEET

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PRODUCT : AW3 FOAMING CLEANER

CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA.

Product Code: 0010034

Other names:

UN Number: 1719	Shipping Name: Caustic Alkali Liquid N.O.S.
Hazchem Code: 8	DG Class : 8
Subsidiary Risk: None Allocated	Poison Schedule: Schedule 6
Packaging Group: II	

PHYSICAL DESCRIPTION/PROPERTIES

Use:	A heavy duty foam sanitizer detergent for the removal of protein based soils in food processing industries.		
Appearance :	Straw coloured, mobile liquid	Odour :	Chlorine odour
Specific Gravity:	1.08 @ 20 degrees C	Vapour Pressure:	Not determined
Solubility in water:	Completely soluble in water	Flash Point :	Not combustible
Boiling/Melting Points:	Equivalent to water	Flammability Limits :	Not applicable
Other Properties:	Made using biodegradable surfactants	pH :	13 – 13.5 in 1% aqueous solution

INGREDIENTS

Chemical	CAS Number	Proportion (w/v)
Potassium Hydroxide	1310-58-3	10.0%
Sodium Hypochlorite	7681-52-9	<5.0%
Ingredients determined not Hazardous	Not required	> 84%

FIRST AID:

Swallowed:	Rinse mouth thoroughly with water immediately. Give water to drink. DO NOT induce vomiting. If vomiting occurs, give further water to achieve effective dilution. Seek immediate medical advice.
Eye:	Immediately irrigate eye with copious quantities of water for at least 15 minutes. Eyelids to be held open. Seek immediate medical attention.
Skin Contact:	Wash affected areas with plenty of water. If swelling, redness, blistering or irritation occurs seek medical advice. Remove contaminated clothing and wash before re-use.
Inhaled:	Remove victim from exposure and keep at rest until fully recovered. Seek medical advice if effects persist.
First Aid Facilities:	Eye wash & safety shower
Advice to Doctor:	Treat symptomatically

WORKSAFE AUSTRALIA CLASSIFICATION

CATEGORY :	CORROSIVE
RISK PHRASES :	R35 Causes severe burns R41 Risk of serious damage to eyes R31 Contact with acids liberates toxic gas
SAFETY PHRASES :	S2 Keep out of reach of children S28 After contact with skin, wash immediately with plenty of soap and water. S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre. S50 Do not mix with acids. S37/39 Wear suitable gloves and eye/face protection.

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HEALTH EFFECTS

Short term exposure by all routes is considered to be harmful. Symptoms that may arise if the product is mishandled are:

ACUTE:

- Swallowed:** Ingestion can result in severe irritation and corrosion of the mucous membranes of the mouth, throat and gastrointestinal tract with pain, inflammation and vomiting. Systemic effects include fall of blood pressure, delirium and coma.
- Eye:** Corrosive to eyes, contact can cause conjunctivitis, corneal burns and ulceration, which can result in permanent injury.
- Skin Contact:** Alkaline substance. May cause skin burns. May cause dermatitic effects.
- Inhaled:** Not normally an inhalation risk due to low vapour pressure at ambient temperatures. Inhalation of generated mists of the product may result in respiratory irritation.

CHRONIC: No data

PRECAUTIONS FOR USE:

- Exposure Standards:** No value assigned for the specific material by the National Health and Medical Research Council or by the National Occupational Health and Safety Commission (Worksafe Australia). However for decomposition product : CHLORINE – TWA is 1 ppm (3mg/m³)
- Engineering Controls:** Avoid generating and inhaling dusts. Use with adequate ventilation.
- Personal Protection:** Use good Occupational work practice. The use of protective clothing and equipment depends on the degree and nature of exposure. Wear impervious gloves, chemical goggles/safety eye glasses, overalls, rubber boots and apron.
- Flammability:** Non-combustible material.

SAFE HANDLING INFORMATION :

- Storage and Transport:** Defined as a class 8 (Corrosive) Dangerous Good by the Australian Code for the Transport of Dangerous Goods by Rail and Road. This material is a Scheduled Poison (S6) and must be stored, maintained and used in accordance with the relevant regulations. Store in a cool, dry place and out of direct sunlight. Store in a well ventilated area.
- Spills and Disposal:** Wear protective clothing to prevent skin and eye contamination and inhalation of decomposition products (chlorine gas). Prevent large spills from entering sewer systems, waterways, etc. Allow controlled access to drain accompanied by suitable neutralising agents such as sodium metabisulphite or sodium thiosulphate and a large excess of water. Wash area down with excess water. Refer to State Land Waste Management Authority for disposal methods.
- Fire/Explosion:** Fire fighters to wear self contained breathing apparatus if risk of exposure to products of decomposition. Can decompose upon heating liberating toxic fumes.
Extinguishing media: Water spray, carbon dioxide, dry chemical powder, or foam.
- Other information:** Nil

CONTACT POINT: Industrial Chemist - phone: 07 3204 8300

This material safety data sheet is compiled from the best information currently available to the company. The company accepts no responsibility for the accuracy of the information contained in this data sheet, or any results obtained by customers or end-users. Good industrial hygiene should always be used when handling chemicals.

END OF MSDS