

Material Safety Data Sheet

Product: Aquafloc P
Alkaline inorganic salts mixture

Use: Spray booth water treatment

Classified as hazardous as per Worksafe Australia criteria.

Appearance: White Powder

UN Number: 3262 Corrosive solid	DG Class: 8	Packaging Group: 2
Subsidiary Risk: None	Hazchem Code: 2 [X]	EPG No.: 8A1
Poisons Schedule: S6 Sodium Hydroxide > 5%		

- R: 35 Causes severe burns
- R: 41 Risk of serious damage to eyes
- S: 26 In case of contact with eyes, rinse immediately with plenty of water & seek medical advice.
- S: 37/39 Wear suitable gloves & eye/face protection
- S: 45 In case of accident or feeling unwell, seek medical advice

Solubility: Soluble in Water	Melting Point: No data	Boiling Point: No data
Vapour Pressure: Not available	Volatiles: about 2.7%	Evaporation Rate: Not available
Odour: slight aliphatic hydrocarbon odour	Vapour Density: Heavier than air	Flash Point: No data
Flammability Limits: None	Auto-ignition Temp: No data	pH : 14

Other properties: Alkaline. Will react vigorously or violently with acids, generating carbon dioxide. May absorb moisture from the air. Will absorb carbon dioxide from the air. Contact with aluminium, tin, zinc or galvanised iron may generate hydrogen, a flammable gas. Contact with ammonium compounds may generate ammonia, a toxic gas. Will affect paper wood & wood products. Will affect glass on long contact.

Ingredients:

Sodium Metasilicate Pentahydrate	(CAS 10213-79-3)	10 – 30 %
Sodium Hydroxide	(CAS 1310-73-2)	10 – 30%
Other alkaline salt	(CAS 64742-48-9)	30 – 60%
Other ingredients		< 10%

Health Effects

Information relates to individual ingredients contained in No-Foam Xtra. No data is available for the mixture.

Swallowed - Corrosive to mouth, throat and gastrointestinal system. May cause nausea, vomiting, abdominal pain, diarrhoea (occasionally bloody), heart failure and death. May cause swelling of the larynx and consequent suffocation. May cause perforation of the stomach and intestines. May cause perforation of the stomach and intestines. May cause constrictive scarring, and the sites of such scarring have been associated with stomach cancer formation.

Skin contact - Causes deep burns

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Health Effects cont.

- Eyes - Causes severe burns. Damage may result in permanent loss of sight.
- Inhalation - Dust will irritate the respiratory tract and may cause pulmonary oedema. Onset of symptoms may be delayed.
- Chronic - Repeated skin contact may cause chemical burns & inflamed skin.

First Aid Facilities Recommended: It is essential to have eye wash readily available. Hand wash basin highly recommended. If handling industrial quantities, emergency shower recommended.

Note to Doctor

Aquafloc P is a mixture of inorganic salts, alkaline in nature. Do NOT induce vomiting. It contains just over 20% of sodium hydroxide. Causes severe burns. Corrosive. Risks include serious damage to eyes, perforation of stomach and intestines. Risk of swelling of the larynx and possible suffocation. Poisons Information Centre can be contacted on 13 1126.

First Aid

- Swallowed: Do NOT induce vomiting. Give a glass of water
- Skin: Remove contaminated clothing and wash skin thoroughly.
- Eyes: Hold eyes open and flood with water for at least 15 minutes and see a doctor.
- Inhalation: Remove to fresh air & keep warm. In severe cases, seek medical advice.

Precautions for Use

Adequate ventilation is required when using (same as outdoors). Local mechanical exhaust/extraction is recommended where industrial quantities are used or where dust/spray/mist is a problem. Do not use aluminium, zinc, galvanised iron or wood as materials of construction.

Exposure Limits: Set by National Occupational Health & Safety Commission (Worksafe Australia)
TLV-TWA: Sodium hydroxide 2 mg/m³ [Peak]* TLV-STEL: None assigned
 * [Peak] indicates a ceiling concentration which should never be exceeded, even momentarily.

Personal Protection:

It is recommended to avoid contact with skin and eyes and to avoid breathing spray/mist. The following personal protection may be used according to circumstances: Face shield or safety glasses, dust mask, rubber or plastic gloves, plastic apron, long sleeves, booths, impervious overalls

CAUTION: Cotton overalls impregnated with oxidising agents may be readily ignited and can burn fiercely.

Flammability: Not flammable.

Storage & Transport

Storage temperature: Room temperature	UN Class: 8 Corrosive
Packaging Group: 2	UN Number: 3262 corrosive solid
EPG Number: 8A1	
Shipping Name: Corrosive solid, basic, inorganic N.O.S. (sodium hydroxide, disodium trioxosilicate mixture)	

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Factory: 109 Greens Rd, Dandenong, Vic 3175

All correspondence: P.O. Box 431, Hastings Vic 3915

Phone: (03) 9794 9498

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Storage & Transport cont.

Refer to The Australian Code for the Transport of Dangerous Goods by Road and Rail & State Dangerous Goods (storage & handling) Regulations.

Storage: Store in a cool, well ventilated area. Large quantities should be stored in a dangerous goods store. Keep away from acids, aluminium, copper, iron, tin, zinc, ammonium compounds, galvanised iron, paper and wood products.

Spills & Disposal

Note: Spillages will be very slippery. Contain using sand or earth. Transfer to container. Wash site of spill thoroughly with water and detergent. For large spillages – inform others to keep a safe distance and shut off any source of possible ignition. After transferring to container, arrange removal by disposals company.

Fire/Explosion Hazard

Not flammable. Will react violently with acids, generating carbon dioxide. Contact with ammonium compounds may generate ammonia, a toxic gas. Contact with aluminium, tin zinc or galvanised iron may generate hydrogen, a flammable gas.

Decomposition Products

Carbon dioxide, water vapour, sodium carbonate, sodium silicate.

In the case of small fire or explosion use: Water.

In the case of major emergency:

HAZCHEM CODE:	2 [X]	Extinguishant:	Water fog or fine water spray
Danger of violent reaction or explosion?	No		
Protective clothing:	Full protective clothing, breathing apparatus & protective gloves.		
Appropriate measures:	Contain	Evacuate?	Not required

Environmental Information

To protect our environment, prevent spills from entering drains and waterways.

Poisons Information Centre: Ph. 13 1126

Emergency Services: Ph: 000

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