

MATERIAL SAFETY DATA LEAFLET

PRODUCT: CHLORMON SOLUTION

STATEMENT OF HAZARDOUS NATURE: Not hazardous according to Worksafe Criteria

DATE OF ISSUE: 20 November 2013

COMPANY DETAILS

Company Name: Aquasonic Pty Ltd
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IDENTIFICATION

Trade Name: Chlormon Solution
UN Number: None Allocated
DG Class: None Allocated
Packing Group: None Allocated
Hazchem Group: None Allocated
Poisons Schedule: Not Scheduled
Product Use: To treat aquarium water to eliminate residual ammonia and chlorine

PHYSICAL DATA

Physical and Chemical Properties

Appearance: Light green solution of sodium formaldehyde sulfoxylate in water
Odour: Odourless
Specific Gravity: 1.015 – 1.025g/mL
Boiling Point: about 103°C
Flash Point: Not Relevant
Melting Point: Not Relevant
Ingredients: A solution of sodium formaldehyde sulfoxylate in water
Flammability: Not Flammable
pH: about 7-8
Odour: Distinct but faint characteristic odour of formaldehyde and sulphur dioxide.

OTHER PROPERTIES

Form: Light green aqueous solution
Other Information: Separates if left standing

STABILITY AND REACTIVITY

Stability: Stable under ordinary conditions of use and storage.
Incompatibilities: Incompatible with acidic materials
Instable conditions: Not Applicable
Decomposition Temperature: Above 100°C
Decomposition Products: Toxic fumes of formaldehyde and sulphur dioxide may be produced. May also release toxic and irritating vapours.

HEALTH HAZARD INFORMATION

Health Effects

Acute – Swallowed: Ingestion may cause irritation to the lining of the throat due to high content of sodium formaldehyde sulfoxylate. In the acid conditions of the stomach the sodium formaldehyde sulfoxylate easily decomposes into formaldehyde which can cause abdominal pain, violent vomiting, headache and diarrhoea.
Chronic: prolonged or repeated exposure will cause effects similar to acute exposure leading to severe stomach damage. Formaldehyde is also an indicated cancer causing chemical.

Acute – Eye: Vapour may cause irritation to the eyes with redness, pain and blurred vision. Higher concentrations or splashes may cause irreversible eye damage.

Acute – Skin: Prolonged skin contact may give rise to mild irritation. Repeated or prolonged exposures may cause burning to the skin,

Acute – Inhaled: Inhalation could cause damage to the lining of the nose, throat and lungs.

FIRST AID

Swallowed: If swallowed seek medical advice immediately. Do not induce vomiting. Give large quantities of milk or water. Keep affected person warm and at rest. Never give anything by mouth to an unconscious person. Contact the Poisons Information Centre (Ph 121126)

Eye: Immediately irrigate the affected eye(s) with cold running water for 15 minutes lifting the upper and lower eyelids occasionally and if discomfort persists, seek medical advice

Inhaled: Wear effective mask. If inhaled move to fresh air. Supply oxygen. If not breathing give artificial respiration. Seek medical advice

Skin: Wash with plenty of water for at least 15 minutes while removing contaminated clothing. Wash clothes before re-use. Call a doctor if irritation persists.

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PRECAUTIONS FOR USE

Exposure Limits: Not Applicable

Personal Protection: Wear protective gloves when handling.

Flammability: Not flammable, will not support combustion. Will not burn.

SAFE HANDLING INFORMATION

Storage and Transport

Storage Precautions: Store in a cool dry place away from incompatible chemicals such as strong and dilute acids.

Spills and Disposal

Spills and Disposal: Keep unnecessary people away. Wear protective clothing equipment. Do not flush to waste. Dispose of in accordance with local, state and federal regulations.

Fire/Explosion Hazard

Flash Point: None

Extinguishing Media: None, non-flammable. Media appropriate for surrounding fire.

Fire/Explosion Hazard: Not Applicable but at very high temperatures toxic fumes could be produced such as formaldehyde, sulphur dioxide, carbon dioxide and carbon monoxide fumes. Wear self-contained breathing apparatus and protective clothing during fire fighting operations.

Hazchem Code: None Allocated

OTHER INFORMATION

Information on ecological effects: Not applicable, product is of natural origin