

MATERIAL SAFETY DATA LEAFLET

PRODUCT: AQUASONIC DAILY GROW

STATEMENT OF HAZARDOUS NATURE: Not hazardous according to Worksafe criteria.

DATE OF ISSUE: 18TH March 2014

COMPANY DETAILS

Company Name: Aquasonic Pty Ltd
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IDENTIFICATION

Trade Name: Aquasonic Daily Grow
UN Number: None Allocated
DG Class: None Allocated
Packing Group: None Allocated
Hazchem Group: None Allocated
Poisons Schedule: Not Scheduled
Product Use: A solution of plant nutrients for use in aquariums

PHYSICAL DATA

Physical and Chemical Properties

Appearance: Bright brownish coloured clear liquid.
Odour: Characteristic odour.
Specific Gravity: 1.01 – 1.04g/mL
Boiling Point: about 102 °C
Flash Point: Not Relevant
Melting Point: Not Relevant
Ingredients: A solution of plant nutrients in water
Flammability: Not Flammable

Chemical Properties

pH: About 5.4-5.75
Odour: Distinct but faint characteristic odour

OTHER PROPERTIES

Form: Bright brown clear aqueous solution of minerals to aid plant growth
Other Information: N/A

STABILITY AND REACTIVITY

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

HEALTH HAZARD INFORMATION

HEALTH AFFECTS

Acute – inhaled: Inhalation of the vapour would not harm the lining of the nose, throat or lungs
Acute – swallowed: Ingestion may cause irritation to the lining of the throat due to high content of soluble minerals. Large volume ingestion could cause abdominal pain, vomiting, headache and diarrhoea.
Chronic: prolonged or repeated exposure may cause effects similar to acute exposure leading to severe stomach damage.
Acute – eyes: Vapour should not irritate the eyes.
Higher concentrations or splashes may cause eye damage.
Acute – skin: Prolonged skin contact may give rise to mild irritation. Repeated or prolonged exposures may cause burning to the skin.

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: 131126)
Eye: Immediately irrigate the affected eye(s) with cold running water for 15 minutes lifting lower and upper 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 and shoes. Wash clothes before re-use. Call a doctor if irritation persists.

PRECAUTIONS FOR USE

Exposure Limits: Not applicable.
Personal Protection: Wear protective gloves when handling.
Flammability: Not inflammable, will not support combustion. Will not burn.

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SAFE HANDLING INFORMATION

Storage and Transport

Storage Precautions: Store in a cool dry place away from incompatible chemicals such as strong or 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 carbon dioxide and carbon monoxide fumes. Wear self contained breathing apparatus and protective clothing during fire fighting operations.

Hazchem Code: None allocated.