

MATERIAL SAFETY DATA SHEET

Section 1: Product and Company Identification

AQUASONIC FRESH PH INDICATOR

Product Code: TK-FRESH-IND
Product Name: Fresh pH Indicator
Chemical Family: Compounded Liquid
Synonyms: Little Aussie Indicator

Manufacturer Name and Address

Aquasonic Pty Ltd
14 Commerce St
Wauchope NSW 2446

Contact Details

Ph: 02 6586 4933
Fax: 02 6586 4944
Email: sales@aquasonic.com.au
Aust Poisons Centre: 131126

DATE OF ISSUE: 20 November 2013

Section 2: Hazards Identification

As part of good industrial and personal hygiene and safety procedures, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.

Inhalation: will cause mild irritation to nose, throat and lungs

Skin Contact/Absorption: Irritation and prolonged contact may cause dermatitis

Eye Contact: Could cause immediate pain, conjunctival reddening, and can cause injury to corneal membrane.

Ingestion: Will cause poisoning at high amounts as contains methylated spirits. Denaturant methyl alcohol. Prolonged ingestion will lead to blindness and possibly death.

Chronic/Acute Effects: Causes mild irritation of eyes, nose, throat and bronchial tubes. Keep out of reach of children.

Exposure Limits: Data not available

Irritancy: Mild irritant

Carcinogenicity: Not considered to be carcinogenic as per NTP, IARC, OSHA, Z list

Reproductive Toxicity: None identified

Teratogenicity: Data not available

Sensitisation: Data not available

Mutagenicity: Data not available

Synergistic Materials: Data not available

Animal Toxicity Data: Data not available but as for humans

DATE OF ISSUE: 20 November 2013

PREVENTATIVE MEASURES

Respiratory Protection: At concentrations above 4ppm up to 500ppm, use chemical cartridge respirator with acid/organic cartridge.

Skin Protection: Impervious gloves, body suits, boots, and other resistant protective clothing (rubber or PVC). Wash contaminated clothing with soap and water and dry before reuse.

Eye/Face Protection: Chemical goggles or safety glasses are to be worn at all times when product is handled. Contact lenses should not be worn; they may contribute to severe eye injury.

Special Handling Procedures: Use sensible industrial hygiene and housekeeping practices. Wash thoroughly after handling. Avoid situations that could lead to harmful exposure.

Storage Requirements: Keep in a cool, dry location. Keep out of reach of children.

Engineering controls: None applicable.

Section 3: First Aid Measures

Inhalation: Remove victim to fresh air. Give artificial respiration only if breathing has stopped. If breathing is difficult, give oxygen. Seek immediate medical attention.

Skin Contact: Remove contaminated clothing. Flood affected area with water. Seek medical attention if irritation occurs or persists.

Eye Contact: Flush immediately with water for at least 20 minutes. Forcibly hold eyelids apart to ensure complete irrigation of eye tissue. Seek immediate medical attention.

Ingestion: Seek immediate medical attention.

CONTACT THE AUSTRALIAN POISONS CENTRE ON 131 126

Section 4: Fire Fighting Measures

General Information: Not considered flammable. Move container if possible, cool with flooding amounts of water. Avoid breathing vapours, knock down with water spray.

Extinguishing Media: For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam. Will not support combustion.

Section 5: Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 7.

Spills/Leaks: Wash down area with water. Absorb liquid with inert or neutralizing substance such as fuller's earth, cement powder, fly ash, sand.

Section 6: Handling and Storage

Handling: Wash thoroughly after handling. Use only in a well ventilated area. Avoid prolonged or repeated contact with skin.

Storage: Store in a cool, dry area away from heat and oxidisers.

Section 7: Exposure Controls/Personal Protection

Personal Protective Equipment

DATE OF ISSUE: 20 November 2013

Eyes: Wear safety glasses and chemical goggles or face shield if handling liquids. Provide an eye-wash fountain in the immediate work area. Do not wear contact lenses when working with chemicals.

Skin: Wear acid protective clothing and gloves

Clothing: Wear acid protective clothing and gloves

Work/Hygienic/Maintenences: Wash hands before eating, smoking or using restroom.

Section 8: Physical and Chemical Properties

Physical State: Clear liquid

Appearance: colourless

Odour: Very slight odour

pH: mildly basic

Vapour Pressure: Not applicable

Vapour Density: Not applicable

Evaporation Rate: As for water

Boiling Point: About 100^oC

Freezing/Melting Point: 0-4^oC

Decomposition Temperature: Not available

Autoignition Temperature: Not available

Flash Point: Not available

NFPA Rating: Not published

Explosion Limits, Lower: Not available

Upper: Not available

Solubility: Miscible

Specific Gravity/Density: 1.00

Molecular Formula: Not Available

Molecular Weight: Not available

Section 9: Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures

Conditions to avoid: Compatible with most chemicals

Incompatibilities with other materials: Not relevant

Hazardous Decomposition Products: Small amounts of carbon oxides

Hazardous Polymerisation: Not applicable

Section 10: Toxicological Information

LD50/LC50 Information: For Methylated Spirits: This is a mixture of ethanol (99.7%) and a denaturant such as methyl isobutyl ketone (0.1%). If digested in very large quantities Aquasonic pH Fresh Indicator would show the effects of alcohol poisoning.

Epidemiology: Very mild eye, mucous membrane and skin irritant, skin sensitizer

Teratogenicity: No data available

Reproductive Effects: No data available

Neurotoxicity: No data available

Mutagenicity: No data available

Other Studies: No data available

Section 11: Ecological Information

No information available but in general material is neutral in chemistry and would not be detrimental to lakes, streams and plant present areas.

Section 12: Disposal Considerations

Waste Disposal Method: Dispose of according to local, state and federal regulations. Wrap empty containers in paper and place in waste bins.

Section 13: Transport Information

Non hazardous material.

Section 14: Regulatory Information

Not regulated

Section 15: Other Information

DATE OF ISSUE: 20 November 2013

Information in this MSDS is from available published sources and is believed to be accurate. No warranty, express or implied, is made and Aquasonic Pty Ltd assumes no liability resulting from the use of this MSDS. The user must determine suitability of this information for his application.

The information and data contained herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification.