

MATERIAL SAFETY DATA SHEET

PRODUCT: AQUASONIC ESI-LOW

DATE OF ISSUE: 18TH March 2014

COMPANY DETAILS

Company Name: Aquasonic Pty Ltd
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TRADE NAME: Aquasonic Esi-Low

INGREDIENT: Contains orthophosphoric acid 5% in a special aqueous media

FORMULA: Orthophosphoric Acid H₃PO₄

HAZARDOUS INGREDIENTS

MATERIAL: Phosphoric Acid at the 5% level is dangerous to skin, eyes and mucous membranes.

PHYSICAL DATA

DESCRIPTION: Clear, colourless liquid
BOILING POINT: About 100°C
ODOUR: Slight characteristic odour
SPECIFIC GRAVITY AT 25°C: 1.024 – 1.027

CHEMICAL DATA

ACIDITY: pH range of product: 1.20 – 1.30 at 25°C
HAZARDOUS REACTIONS: None known

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): N/A
FLAMMABLE LIMITS: N/A
EXTINGUISHING MEDIA: N/A
SPECIAL FIRE FIGHTING PROCEDURES: N/A
UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

HEALTH HAZARD DATA

Environmental and Toxicological Data

The active ingredient phosphoric acid is corrosive and irritating to skin and mucous membranes.

RECOMMENDED HANDLING PROCEDURES

- Protective equipment, extra ventilation, safety goggles or gloves: not necessary
- Storage conditions: store in closed bags in a dry place at ambient temperature
- Storage life/stability: stable at above recommended storage temperatures
- Spillage/emission: collect as much as possible in clean container for reuse or disposal. Sweep up remainder and flush residue down with water. The residue can be washed down drains or sewers.

EMERGENCY AND FIRST AID PROCEDURES

- Skin:** Remove contaminated clothing: Wash skin thoroughly with soap and water.
- Eyes:** Flush with water for 15 minutes. Get medical attention if adversely affected.
- Inhalation:** No problems. Simply go to fresh air area.
- Swallowing:** No problems as bacteria are not harmful. Drink water to remove taste.

ALL INFORMATION IS TRUE AND ACCURATE HOWEVER NO GUARANTEE IS GIVEN