

Safety Data Sheet

According to 91/155 EC
Printing Date: 1 June 2010

1. Product details

- **Trade Name:** **Acetic Acid Solution**
- **Brand Name:** **Cellarguard MouldClean**
- **Application:** Mould Cleaner
- **Manufacturer / Supplier:** **Elitepac Ltd**
29B Hannigan Drive, St Johns
Auckland, New Zealand
- **Emergency information:** Ph: 09 570 0594, Mobile: 021 611855
admin@Elitepac.co.nz

2. Chemical Composition

- **Description:** Mixture of the substances listed below with harmless additions.
 - **Active components:**
Acetic Acid, Content : <10%, CAS Reg No: 64-19-7
 - **Other components:** Surfactant, wetting agent, fragrance
- Additional information for the wording of the risk phrases refer to section 16.

3. Hazard Identification

This product has about the same 100% acetic acid concentration as household vinegar.

Acute Health Effects

- Swallowed – can cause internal irritation and damage.
- Eye – high concentrations of vapours will cause irritation.
- Skin – the liquid can burn the skin and cause ulcers.
- Inhaled – the vapour is an irritant and may cause irritation to the mucous membranes and respiratory tract.

HSNO Classifications : 3.1D; 6.1D; 6.9B; 8.1A; 8.2B; 8.3A; 9.1D; 9.3C

Combustible liquid; Harmful if swallowed; Harmful to human target organs or systems; Corrosive to metals; Corrosive to skin; Corrosive to eyes; Slightly harmful to the aquatic environment; Harmful to terrestrial vertebrates.

4. First Aid Measures

After contact with the eyes: Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids should be held open. Seek medical attention immediately.

After contact with the skin: Wash contaminated skin with plenty of water and remove all contaminated clothing.

After inhalation: If safe to do so, remove from exposure, give artificial respiration if required. If breathing becomes difficult seek medical attention immediately.

If swallowed: Thoroughly rinse mouth with water. Give 1-3 cups of water to drink. DO NOT induce vomiting.

5. Fire Fighting Measures

Extinguishing media: Suitable: all

Special Fire Fighting Procedures: This product is not flammable.

Unusual Fire and Explosion Hazards: When exposed to heat or flame, as this material is a mild acid it can react vigorously with oxidising agents, particularly dangerous in contact with chromic acid, sodium peroxide, nitric acid.

Explosion hazard is low.

6. Accidental release measure

Spills: Clean-up personnel should wear full protective clothing and face shield. Wear breathing apparatus if exposure standards are exceeded. Wash area down with excess water. Increase ventilation in the area.

Disposal: Flush waste material to sewer as a greatly diluted solution.

Cleaning of Equipment: Clean with water.

7. Handling and Storage

Handling: Take precautions against static discharges. Keep containers tightly sealed.

Storage: Store in a cool dry area. Ensure all storage areas are well ventilated.

8. Exposure controls/personal protection

Ventilation: In processes where mists or vapours may be generated, proper ventilation must be provided in accordance with good ventilation practices.

Personal protective equipment: Avoid eye contact.

Eye protection: Safety glasses/goggles.

Hand protection: if used frequently use PVC gloves

Skin and body protection: Protective clothing, PVC apron and boots to be used during the manufacture.

Respiratory protection: Approved mask for organic vapours when vapour or mist may be generated.

Exposure Standards: The following exposure standards have been established: Acetic acid: TWA 10ppm (25 mg/m³), STEL 15ppm (37 mg/m³)

9. Physical and Chemical Properties

| | |
|---------------------------------|--|
| Form: | Liquid |
| Colour: | Colourless |
| Odour: | Pungent vinegar odour |
| Boiling point (°C): | 118 |
| Flash point (°C) : | >60 -- ≤93 |
| Density at 20°C, g/ml: | N/A |
| Solubility in water: | Will mix with water in all proportions |
| pH: | 2.4 |
| Auto-ignition temperature (°C): | 426 |

10. Stability and Reactivity

Stability: Stable under normal operating conditions.

Materials to avoid: Avoid contact with strong oxidising /reducing agents.

11. Toxicological Information

| | |
|------------|------------------------------|
| Oral LD50: | 3310 mg/kg (Rat) |
| Eye: | Corrosive |
| Skin: | Mild corrosive |
| Inhaled: | May be Irritating if inhaled |

12. Ecological information

Aquatic Toxicity: TLm 96h, 100 10ppm

13. Disposal considerations

Dispose of waste to an approved facility.

Disposal of empty container: Triple rinse then send to drum recycling facility.

14. Transport information

U.N. Number: 2790

Hazchem code: 2R

Proper shipping name: Acetic Acid solution, <5% acid by mass

Packing group: II

Dangerous goods class: Class 8

15. Regulatory information

Labelling: Poison – Keep out of the reach of children
Class 8 Diamond
GHS labelling as defined in the HSNO identification regulations

Disclaimer

This document has been compiled by Elitepac Ltd based on information concerning the product which has been provided to Elitepac Ltd by the component manufacturer(s) or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While Elitepac Ltd has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Elitepac Ltd accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

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