

P.O. BOX 3786, BRACKNELL, BERKS, RG12 7TH
TELEPHONE: 0118 989 2666 FAX: 0118 989 0929
E-MAIL: sales@dichem.co.uk
WEB: www.dichem.co.uk



1. IDENTIFICATION OF SUBSTANCE OR PREPARATION

Name of Product: **FORMTARD**

Use Description of Product: Aqueous solution of sodium citrate and mono & di-saccharides used as a concrete retarder.

Supplier: Direct Chemicals
P.O. BOX 3786,
BRACKNELL,
BERKS,
RG12 7TH
United Kingdom

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Fax: 0118 989 0929

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients: None

3. HAZARDS IDENTIFICATION

Main Hazards: No significant hazard.

4. FIRST AID MEASURES (SYMPTONS)

Skin Contact: There may be mild irritation at the site of contact.

Eye Contact: May cause irritation, experienced as mild discomfort and seen as slight excess redness of the eye.

Ingestion: If more than several mouthfuls are swallowed, abdominal discomfort, nausea and diarrhoea may occur.

Inhalation: May cause irritation to the respiratory system.

5. FIRST AID MEASURES (ACTIONS)

Skin Contact: Wash skin with soap and water as soon as reasonably practicable, remove heavily contaminated clothing for laundering and wash underlying skin.

Eye Contact: Wash eyes with clean water for 15 minutes, ensuring that eyelids are held open. Obtain medical advice if irritation develops or persists.

Ingestion: Wash out mouth with water. The ingestion of large amounts is unlikely, however should this occur, do not induce vomiting: obtain medical advice.

Inhalation: If inhalation of mists fumes or vapour causes irritation of the nose or throat, or coughing, remove to fresh air. If symptoms persist obtain medical advice.

6. FIRE FIGHTING MEASURES

- Extinguishing Media:** Product does not support combustion.
- Exposure Hazards:** This product may give rise to hazardous fumes in a fire.
- Protection of Fire Fighters:** Fire-resistant clothing and self-contained breathing apparatus is recommended for fires in confined spaces and poorly ventilated areas.

7. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Wear suitable protective clothing; Wear suitable eye protection.
- Environmental Precautions:** Not regarded as dangerous for the environment. If material enters drains or sewers, dilute as much as possible with water.
- Clean Up Procedures:** Small spills soak up with absorbent granules, sand or earth and collect solids into suitable, marked container for proper disposal.

8. STORAGE AND HANDLING

- Handling Requirements:** Although the product is not classified as hazardous, good working practices and standards of personal hygiene should be maintained.
- Storage Conditions:** Keep away from direct sunlight. Store in dry frost free conditions, in original containers.
- Suitable Packaging:** Must only be kept in original packaging.

9. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- Engineering Measures:** Ensure there is sufficient ventilation of the area.
- Respiratory Protection:** Respiratory protection is not normally required.
- Hand Protection:** Protective gloves.
- Eye Protection:** Safety glasses.
- Skin Protection:** Protective clothing.

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10. PHYSICAL AND CHEMICAL PROPERTIES

State:	Gel
Colour:	Green
Odour:	Barely perceptible odour
Evaporation Rate:	Similar to water
Solubility in water:	Miscible in all proportions
Boiling point/Range °C:	100
Melting point/Range °C:	0
Flammability Limits % Lower:	n/a
Flammability Limits % Upper:	n/a
Flash Point °C:	n/a
Relative Density:	1.08
pH:	6

11. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Materials to Avoid:	Strong alkalis.
Haz. Decomp. products:	In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

12. TOXICOLOGICAL INFORMATION

Routes of Exposure:	Refer to section 4 of SDS for routes of exposure and corresponding symptoms.
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13. ECOLOGICAL INFORMATION

Mobility:	Soluble in water. Readily absorbed into soil.
Persistence and degradability:	Expected to be biodegradable.
Bioaccumulative potential:	There is no evidence to suggest that bioaccumulation will occur.

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14. DISPOSAL CONSIDERATIONS

Disposal operations: Dispose of via an authorised person / licensed waste disposal contractor in accordance with local regulations.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

15. TRANSPORT INFORMATION

ADR / RID

A.D.R Class: Not classified

IMDG / IMO

Class: Not classified

IATA / ICAO

Class: Not classified

16. REGULATORY INFORMATION

Hazard Symbols: No significant hazard.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions, which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

17. OTHER INFORMATION

Legal Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.