

ALEC TIRANTI LIMITED

TOOLS, MATERIALS & EQUIPMENT FOR MODELLING, CARVING, SCULPTURE
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Material Safety Data Sheet

TRI - SODIUM CITRATE

1. IDENTIFICATION of PREPARATION

Material / Trade name Tri-Sodium Citrate
Intended Use Plaster retarder

2. COMPOSITION / INFORMATION ON INGREDIENTS

Inorganic Salt
CAS number: 6132-04-3

3 HAZARD IDENTIFICATION

None

4. FIRST AID MEASURES

Inhalation: Remove from exposure
Eye Contact: Irrigate thoroughly with water. If discomfort persists obtain medical attention.
Skin Contact: Wash off thoroughly with soap and water.
Ingestion: Wash mouth out thoroughly with water. In severe cases obtain medical attention.

5. FIRE FIGHTING MEASURES

Water spray, foam, dry powder or carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate protective clothing.
If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise transfer to container and arrange removal by disposal company. Wash site of spillage thoroughly with detergent and water. For large spillage's liquids should be contained with sand or earth and both liquids and solids transferred to salvage containers. Any residues should be treated as for small spillages.

7. HANDLING & STORAGE

Handling: -

Storage: Store at room temperature (15 to 25°C recommended). Keep well closed and protected from direct sunlight and moisture.

8. EXPOSURE CONTROLS / PERSONAL

Maximum Exposure Limits and Occupational Exposure Limits are taken from the publication **HSE 40/94 Occupational Exposure Limits 1994** or later issue, but Limits should be checked in the latest issue.

As appropriate to quantity handled.
Respirator: Dust respirator
Ventilation: Extraction hood
Gloves: Rubber or plastic
Eye Protection: Goggles or face shield
Other: Plastic apron, sleeves, boots - if handling large quantities.

9. PHYSICAL & CHEMICAL PROPERTIES

Form: Solid
Colour: Colourless to white
Odour: Odourless
Melting Temp: N/A
Boiling Temp: N/A
Density (g/ml): N/A
Solubility in water: Very soluble

10. STABILITY & REACTIVITY

Stable

11. TOXICOLOGICAL INFORMATION	Data available is not sufficient to permit an industrial-toxicological assessment. After eye contact: Slight irritation. After ingestion of large amounts: Bloody vomiting, disturbed electrolyte balance. Burns in oesophagus and stomach. However, when handled properly, hazardous effects are unlikely to occur. No evidence of carcinogenic properties. No evidence of mutagenic or teratogenic effects.
12. ECOLOGICAL INFORMATION	No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.
13. DISPOSAL CONSIDERATIONS	Chemical residues are generally classified as special waste, and as such are covered by regulations which vary according to location. Contact your local waste disposal authority for advice, or pass to a chemical disposal company. Rinse out empty containers thoroughly before returning for recycling.
14. TRANSPORT INFORMATION	Not restricted.
15. REGULATORY INFORMATION	No R or S Phrases assigned UK Exposure Limits: None assigned.
The information in this safety sheet does not constitute the user's own assessment of workplace risks as are required by other health and safety legislation. The provisions of the Health and Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.	
16. OTHER INFORMATION	<i>The information contained in this Safety Data Sheet is provided in accordance with the requirements of the Chemicals (Hazard Information and Packaging) Regulations.</i> <i>This product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use are outside the supplier's control, the user is responsible for ensuring that the requirements of the relevant legislation are complied with. The information contained in this Safety Data Sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of material properties, of technical performance or suitability for particular applications.</i> <i>Further information can be found in:</i> The Control of Substances Hazardous to Health Regulations 1988 (SI 1988:1657) The Manual Handling Operations Regulations 1992 (SI 1992: 2793) The Environmental Protection (Duty of Care) Regulations 1992 (SI 1992: 2839) The publication HSE EH40/94 Occupational Exposure Limits 1994 or latest issue.