



## MATERIAL SAFETY DATA SHEET

REF: 91/155/EEC AND AMENDMENTS WITH RESPECTIVE NATIONAL IMPLEMENTATIONS

### SODIUM CITRATE

#### 1.0 SUBSTANCE IDENTIFICATION

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- 1.1 Commercial product name: Sodium Citrate including anhydrous, dehydrate etc
- 1.2 Chemical characterisation: Trisodium salt of 2-hydroxypropane-1,2,3, tricarboxylate
  
- 1.3 Formula:
- 1.4 Molecular weight: approx 258 - 294
- 1.5 CAS No: 6132-04-3
- 1.6 EINECS No.: 200-675-3
- 1.7 **FOR USE IN FOOD as a food additive**
- 1.8 Manufactured by: SR FILTER AIDS SUPPLIERS, Tilak Bazar, Delhi - 110006, INDIA

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#### 2.0 COMPOSITION

- 2.1 Totally 100% sodium citrate
- 2.2 Volatile matter 6-12 % maximum after drying for 4 hours at 180°C
- 2.3 Sodium ion content typically 23 - 24%

#### 3.0 HAZARDS IDENTIFICATION

- 3.1 **Sodium citrate is not classified as a Dangerous Substance within the definitions of EC Directive 67/584**
- 3.2 Contact with eyes (e.g. dust particles) may cause irritation.

#### 4.0 FIRST AID MEASURES

- 4.1 Flush affected parts with plenty of water

#### 5.0 FIRE FIGHTING MEASURES

- 5.1 All types of fire extinguisher are suitable
- 5.2 Firefighters wear protective clothing and NIOSH approved respirator

#### 6.0 ACCIDENTAL RELEASE MEASURES

- 6.1 After spillage/leakage : Recover by vacuum, or broom and shovel. Flush area with water to remove final traces.

#### 7.0 HANDLING AND STORAGE



### **13.0 DISPOSAL CONSIDERATIONS**

13.1 Sodium citrate is suitable for landfill or disposal to sewer **depending upon local regulations.**

### **14.0 TRANSPORT INFORMATION**

14.1 No special considerations

### **15.0 REGULATORY INFORMATION**

15.1 Sodium citrate is an EU permitted Food Additive (E 332). Conditions of use: Quantum Satis. The US Food and Drug Administration classifies potassium citrate as a GRAS (Generally Recognised As Safe) food ingredient.

15.2 According to the Joint Expert Committee on Food Additives of WHO/FAO potassium Citrate may be used without limitation according to Good Manufacturing Practices.