



Safety Data Sheet

Section 1: Identification

Trade Name: SODIUM CITRATE Anhydrous

Company: Soapgoods Inc

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CAS No: 6132-04-3

EINECS No.: 200-675-3

Section 2: Hazard(s) 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.

Section 3: Composition/Information on Ingredients

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%

Section 4: First-Aid Measures

4.1 Flush affected parts with plenty of water

Section 5: Fire-Fighting Measures

5.1 All types of fire extinguisher are suitable

5.2 Firefighters wear protective clothing and NIOSH approved respirator

Section 6: Accidental Release Measures

6.1 After spillage/leakage : Recover by vacuum, or broom and shovel. Flush

Section 7: Handling and Storage

7.1 Store in tightly closed containers, away from extreme heat and humidity. Maximum 25°C and 50% relative humidity.

7.2 Industrial Hygiene: Good ventilation required if process creates the formation of dust.

Section 8: Exposure Controls/Personal Protection

8.1 Personal precautions: Avoid breathing dust.

Avoid contact with eyes.

8.2 Respiratory protection: Approved nuisance dust mask

8.3 Hand protection: Standard work gloves

8.4 Eye protection: Goggles or safety glasses

Section 9: Physical and Chemical Properties

9.1 Appearance: Crystals

9.2 Colour: Colourless

9.3 Odour: Odourless

9.4 Molecular weight: 258 - 294

9.5 Change in physical state: Loss of water above 180°C, with decomposition

9.6 Specific gravity Bulk density: 1.97 920-1150 kg/m³ (typical range)

9.8 Vapour pressure: N/A - solid

9.9 Viscosity: N/A - solid

9.10 Solubility - in water (25°C) 40 - 60% w/w

- in ethanol (25°C) Insoluble

9.11 pH (5% solution) (25°C) 7 - 9

9.12 Flash point N/A

9.13 Explosive properties N/A

9.14 Flammability: Requires external heat to burn

9.12 Thermal decomposition: Above 230°C may evolve carbon monoxide and carbon dioxide

Section 10: Stability and Reactivity

10.1 Shelf life : Sodium citrate is chemically stable if stored under cool, dry conditions; 25°C maximum and 50% relative humidity. It deliquesces in moist air. Physical properties may change on storage: re-test recommended periodically based on actual storage conditions.

10.4 Reactivity: Sodium citrate is a neutral salt with low activity.

Section 11: Toxicological Information

11.1 LD50 (dog): Not available

Section 12: Ecological Information

12.1 Not Available

12.2 Not Available

Section 13: Disposal Considerations

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

Section 14: Transport Information

14.1 No special considerations

Section 15: 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.

Section 16: Other Information

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