

SODIUM CITRATE MSDS (MATERIAL SAFETY DATA SHEET)

1. IDENTIFICATION OF THE PRODUCT

Product Name: SODIUM CITRATE

2. COMPOSITION, INFORMATION ON INGREDIENTS

No ingredients known to be hazardous are present.
No ingredients known to be carcinogenic are present.

3. HAZARDS IDENTIFICATION

Potential Health Effects Potential Health Effects

Eye	Dust can irritate the eyes
Skin	May cause mild skin irritation
Ingestion	Not known
Signs and symptoms of overexposure	No adverse effects expected, but dust may cause mechanical irritation

4. FIRST AID MEASURES

Eyes	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek medical assistance immediately.
Skin	In case of skin contact, wash with large amounts of water for 15 to 20 minutes
Ingestion	If ingested obtain medical assistance immediately
Inhalation	Remove patient to fresh air, and aid breathing if necessary. Seek medical attention

5. FIRE FIGHTING MEASURES

Extinguishing media	Alcohol resistant foam, carbon dioxide, dry powder or water fog
Firefighting procedures	Fight fire in early stages if safe to do so. Use water to cool fire. Avoid spreading liquid and fire by water flooding. Wear self-contained, positive pressure breathing apparatus and full firefighting clothing
Unusual fire/explosion hazard	Oxides of carbon
Hazardous combustion products	Explosion hazard from generation of dust

6. ACCIDENTAL RELEASE MEASURES

General Information	Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks	Sweep up, cover or absorb material, then place into a suitable clean, dry, closed container for disposal

7. HANDLING AND STORAGE

Handling	Wash thoroughly after handling. Use only in a well-ventilated area. Avoid contact with eyes, skin and clothing. Avoid ingestion and inhalation.
Storage	Keep container closed when not in use. Store in a cool, dry, well-ventilated area.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Personal Protective Equipment

Eyes	Use chemical safety goggles.
Skin	Wear protective gloves and clean body-covering clothing. Wash hands after handling the product and before eating.

The Essentially Natural Domain (Pty) Ltd | Reg. No. 2014/170069/07
Unit 14, Duville Business Park, 8 Arum Lily Street, Durbanville, Cape Town, South Africa 7550
www.essentiallynatural.co.za (T) 021 976 9116 (E) support@essentiallynatural.co.za

9. PHYSICAL AND CHEMICAL PROPERTIES

Density	1.86 @ 20 deg C
Refractive index	N/A
Solubility in water	400g - 700g/l at 20°C - 25°C
Boiling Point	Decomposes without boiling
Appearance and odour	White, crystalline powder
Melting point	>150°C

10. STABILITY AND REACTIVITY

Chemical Stability/Reactivity	Stable under normal conditions
Conditions to Avoid	Exposure to heat & moisture
Incompatibilities with Other Materials	Sodium nitrite, potassium nitrite
Hazardous polymerization	Oxides of carbon

11. TOXICOLOGICAL INFORMATION

Based on the ingredients in this composition and their concentration, this product is according to the conventional method classified as: irritating to the skin and eyes on contact

12. ECOLOGICAL INFORMATION

Biodegradable. Not regarded as dangerous for the environment

13. DISPOSAL CONSIDERATION

Dispose at a suitable waste incineration plant in accordance with local regulations. Where large quantities are concerned, consult supplier.

14. TRANSPORT INFORMATION

Classification data:	n/a
UN Number:	n/a (non-dangerous goods)
Class:	n/a
Packing group:	n/a

15. REGULATORY INFORMATION

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances