

SAFETY DATA SHEET
SODIUM TRIPOLYPHOSPHATE

Page: 1

Compilation date: 23/02/2016

Revision No: 1

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: SODIUM TRIPOLYPHOSPHATE
CAS number: 7758-29-4
EINECS number: 231-838-7
Synonyms: STPP

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Company name: Central Chemical Supplies Ltd
44 Hall Road
Donaghcloney
Co Armagh
BT66 7LJ
United Kingdom
Tel: 02838 881936
Email: frances@ccsni.co.uk

1.4. Emergency telephone number

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements:

Precautionary statements: P264: Wash hands thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: SODIUM TRIPOLYPHOSPHATE
CAS number: 7758-29-4
EINECS number: 231-838-7

SAFETY DATA SHEET
SODIUM TRIPOLYPHOSPHATE

Page: 2

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. Get medical attention if irritation persists after washing.

Eye contact: Bathe the eye with running water for 15 minutes. Remove contact lenses, if present and easy to do. Get medical Attention promptly if symptoms occur after washing.

Ingestion: Wash out mouth with water. Do not induce vomiting. Get medical attention if symptoms continue.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

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

Eye contact: The eyes may water profusely. There may be irritation and redness.

Ingestion: May cause severe discomfort if swallowed.

Inhalation: Dust in high concentrations may irritate the respiratory system.

4.3. Indication of any immediate medical attention and special treatment needed

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Thermal decomposition or combustion may produce: Oxides of: Sodium Phosphorus

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Avoid formation of dust. Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.

[cont...]

SAFETY DATA SHEET
SODIUM TRIPOLYPHOSPHATE

Page: 3

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid the formation or spread of dust in the air. Ensure there is sufficient ventilation of the area. Avoid spilling, skin and eye contact.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep container tightly closed. Store in a cool, well ventilated area.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Not normally required under normal conditions of use. If ventilation is insufficient, suitable respiratory protection must be provided. Particle filter class P2S (EN143).
Particle filter class P2SL (EN143).

Hand protection: Protective gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Dusty powder

Colour: White

Odour: Odourless

Solubility in water: Soluble

Melting point/range°C: 622

Relative density: 2.6 g/ cm³

pH: 8

9.2. Other information

Other information: No data available.

[cont...]

SAFETY DATA SHEET
SODIUM TRIPOLYPHOSPHATE

Page: 4

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions. Anhydrous form is hygroscopic and will absorb water by contact with moisture in the air.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Moist air.

10.5. Incompatible materials

Materials to avoid: Finely powdered metals. Strong oxidising agents. Water. Strong acids. Strong bases.

10.6. Hazardous decomposition products

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
ORAL	RAT	LD50	2000	mg/kg
DERMAL	RAT	LD50	2000	mg/kg

Symptoms / routes of exposure

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

Eye contact: The eyes may water profusely. There may be irritation and redness.

Ingestion: May cause severe discomfort if swallowed.

Inhalation: Dust in high concentrations may irritate the respiratory system.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable in part only.

12.3. Bioaccumulative potential

12.4. Mobility in soil

[cont...]

SAFETY DATA SHEET
SODIUM TRIPOLYPHOSPHATE

Page: 5

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company. Must be disposed of in accordance with local and national regulations.

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

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

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.