

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: SODIUM TRIPOLYPHOSPHATE
REACH registered number(s): 01-2119430450-54-XXXX
CAS number: 7758-29-4
EINECS number: 231-838-7
Synonyms: STPP

Relevant identified uses of the substance or mixture and uses advised against:

Use of substance / mixture: PC19: Intermediate.
PC14: Metal surface treatment products, including galvanic and electroplating products.
PC34: Textile dyes, finishing and impregnating products; including bleaches and other processing aids.
PC37: Water treatment chemicals.
PC35: Washing and cleaning products (including solvent based products).
PC39: Cosmetics, personal care products.
PC21: Laboratory chemicals.

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2. HAZARDS IDENTIFICATION

Classification of the substance or mixture:

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

Label elements: This product has no label elements.

Other hazards:

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

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3. COMPOSITION / INFORMATION ON INGREDIENTS

Substances:

Chemical identity: SODIUM TRIPOLYPHOSPHATE
CAS number: 7758-29-4
EINECS number: 231-838-7
REACH registered number(s): 01-2119430450-54-XXXX
Contains: Sodium Tripolyphosphate 100%

4. FIRST AID MEASURES (SYMPTOMS)

Description of first aid measures:

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Do not induce vomiting. If unconscious, check for breathing and apply artificial respiration if necessary.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. Transfer to hospital as soon as possible.

Most important symptoms and effects, both acute and delayed:

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

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Indication of any immediate medical attention and special treatment needed:

5. FIRE-FIGHTING MEASURES

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

Special hazards arising from the substance or mixture:

Exposure hazards: In combustion emits toxic fumes.

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

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

Environmental precautions: Do not discharge into drains or rivers.

[cont...]

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Methods and material for containment and cleaning up:

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

Reference to other sections:

7. HANDLING AND STORAGE

Precautions for safe handling:

Handling requirements: Ensure there is sufficient ventilation of the area.

Conditions for safe storage, including any incompatibilities:

Storage conditions: Store in a cool, well ventilated area. Keep away from direct sunlight.

Specific end use(s):

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:

Workplace exposure limits: No data available.

DNEL/PNEC Values:

DNEL / PNEC: No data available.

Exposure controls:

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

Respiratory protection: Respiratory protective device with particle filter.

Hand protection: Protective gloves.

Eye protection: Safety goggles.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties:

State: Solid

Colour: White

Odour: Odourless

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Slightly soluble

Also soluble in: Methanol.

Melting point/range°C: 622

Relative density: 2.55

pH: 9.2-10

Other information: No data available.

[cont...]

10. STABILITY AND REACTIVITY

Reactivity:

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions:

Conditions to avoid: Heat.

Incompatible materials:

Materials to avoid: Strong oxidising agents.

Hazardous decomposition products:

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects:

Toxicity values: No data available.

Symptoms / routes of exposure:

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

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

12. ECOLOGICAL INFORMATION

Toxicity:

Ecotoxicity values: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil:

Mobility: Soluble in water.

Results of PBT and vPvB assessment:

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

Other adverse effects: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods:

Disposal operations: Deposit into or on to land (e.g. landfill, etc.)

Disposal of packaging: Dispose of as normal industrial waste.

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

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

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

Specific regulations: Not applicable.

Chemical safety assessment: A chemical safety assessment has been carried out for the substance or the mixture by the supplier.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

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

Legal disclaimer: The information contained in this SDS does not constitute a risk assessment, and should not replace the user's own assessment of risks as required by other health and safety legislation. This advice is given by Nexchem Ltd who accept no legal liability for it except otherwise provided by law. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.