

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

Product identifier:

Product name: TETRASODIUM PYROPHOSPHATE
CAS number: 7722-88-5
EINECS number: 231-767-1

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

Company name: Nexchem Ltd
Unit 3 Barshaw Park
Leycroft Road
Leicester
LE4 1ET
Tel: 0116 2311130
24/7 Emergency Tel: 0800 246 1274
Email: sales@nexchem.co.uk

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture:

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

Label elements

Label elements under CLP:

Precautionary statements: P260: Do not breathe dust.
P262: Do not get in eyes, on skin, or on clothing.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Label elements under CHIP:

Hazard symbols: No significant hazard.
Safety phrases: S22: Do not breathe dust.
S24/25: Avoid contact with skin and eyes.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

Other hazards:

PBT: This substance is not identified as a PBT substance.

SAFETY DATA SHEET
Tetra Sodium Pyrophosphate

Issued: 15/07/2019

Page 2

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substances:

Chemical identity: TETRASODIUM PYROPHOSPHATE

4. FIRST AID MEASURES

Description of first aid measures:

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: Consult a doctor.

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. The vision may become blurred. The eyes may water profusely. There may be irritation and pain.

Ingestion: There may be irritation of the throat.

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

Delayed / immediate effects: No symptoms.

Indication of any immediate medical attention and special treatment needed:

Immediate / special treatment: Eye bathing equipment should be available on the premises.

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.

Methods and material for containment and cleaning up:

Clean-up procedures: Wash the spillage site with large amounts of water.

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

[cont...]

SAFETY DATA SHEET
Tetra Sodium Pyrophosphate

Issued: 15/07/2019

Page 3

7. HANDLING AND STORAGE

Precautions for safe handling:

Handling requirements: Avoid the formation or spread of dust in the air.

Conditions for safe storage, including any incompatibilities:

Storage conditions: Store in cool, well ventilated area. Suitable packaging: Must only be kept in original packaging.

Specific end use(s): No data available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:

Workplace exposure limits: Respirable dust

| State | 8 hour TWA: | 15 min. STEL: | 8 hour TWA: | 15 min. STEL: |
|-------|---------------------|---------------|-------------|---------------|
| EU | 5 mg/m ³ | - | - | - |

Exposure controls:

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure all engineering measures mentioned in section 7 of SDS are in place.

Respiratory protection: Respiratory protective device with particle filter.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Environmental: No special requirement.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | |
|--|---|
| State: | Powder |
| Colour: | White |
| Odour: | Odourless |
| Evaporation rate: | Negligible |
| Oxidising: | Non-oxidising (by EC criteria) |
| Solubility in water: | Highly soluble |
| Boiling point/range°C: | No Data |
| Melting point/range°C: | 79.5 |
| Flammability limits %: | lower: No Data upper: No Data |
| Flash point°C: | No |
| Data Part.coeff. n-octanol/water: | No |
| Data Autoflammability°C: | No |
| Data Vapour pressure: | No |
| Data Relative density: | 1.820 |
| pH: | 7 - 11 (soln) |
| VOC g/l: | No Data |
| Other information: | Not applicable. |

[cont...]

10. STABILITY AND REACTIVITY

| | |
|--|--|
| Reactivity: | Stable under recommended transport or storage conditions. |
| Chemical stability: | Stable under normal conditions. |
| Possibility of hazardous reactions: | |
| Hazardous reactions: | Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below. |
| Conditions to avoid: | Heat. |
| Incompatible materials: | |
| Materials to avoid: | Strong oxidising agents. Strong acids. |
| Hazardous decomposition products: | In combustion emits toxic fumes. |

11. TOXICOLOGICAL INFORMATION

| | |
|--|---|
| Information on toxicological effects: | |
| Toxicity values: | Not applicable. |
| Symptoms / routes of exposure: | |
| Skin contact: | There may be mild irritation at the site of contact. |
| Eye contact: | There may be irritation and redness. The vision may become blurred. The eyes may water profusely. There may be irritation and pain. |
| Ingestion: | There may be irritation of the throat. |
| Inhalation: | There may be irritation of the throat with a feeling of tightness in the chest. |
| Delayed / immediate effects: | No symptoms. |
| Other information: | Not applicable. |

12. ECOLOGICAL INFORMATION

| | |
|--|--|
| Toxicity: | |
| Ecotoxicity values: | Not applicable. |
| Persistence and degradability: | Biodegradable. |
| Bioaccumulative potential: | No bioaccumulation potential. |
| Mobility in soil: | |
| Mobility: | Soluble in water. |
| Results of PBT and vPvB assessment: | |
| PBT identification: | This substance is not identified as a PBT substance. |
| Other adverse effects: | Negligible ecotoxicity. |

[cont...]

13. DISPOSAL CONSIDERATIONS

Waste treatment methods:

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Recovery operations: Not applicable.

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 is not classified 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 not 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.