

Material Safety Data Sheet

Sodium Thiosulphate Pentahydrate

Section 1: Chemical Product and Company Identification

Product Name : Sodium Thiosulphate Pentahydrate
Chemical Formula : $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$
Company : Tradeasia International Pte Limited
Email : contact@chemtradeasia.com

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Sodium Thiosulphate Pentahydrate	7772-98-7	99.40%

Section 3: Hazards Identification

Most Important Hazards :

Harmful if swallowed. Hazardous in case of eye contact (irritant). Slightly Hazardous in case of Skin Contact

WARNING :

May cause Eye Irritation

May cause skin irritation

Avoid contact with eyes and skin

Avoid inhalation of dust

Wash thoroughly after handling

Keep Containers closed

Keep containers away from heat and water

Section 4: First Aid Measures

General Advice:

Inhalation : Move to fresh air

Skin Contact : Wash off immediately with soap and plenty of water

Eye Contact : Rinse immediately with plenty of water for at least 15 minutes. If irritation persists, please seek medical help.

Ingestion : If swallowed, seek medical advice immediately and show this container or label

Section 5: Fire and Explosion Data

Suitable Extinguishing Media: Water, water spray, dry powder, foam, Carbon dioxide (CO₂)

Special protective equipment for Firefighters In case of fire, wear a self-contained breathing apparatus

Section 6: Accidental Release Measures

Personal Precautions : Use personal protective equipment

Environmental Precautions : Do not flush into surface water or sanitary sewer system

Methods for cleaning up : Soak up with inert absorbent (e.g. sand, silica gel, acid binder, universal binder, sawdust) and keep in containers for later disposal.

Section 7: Handling and Storage

Safe Handling Advice : Keep container tightly closed in a cool, dry and well-ventilated place
Keep away from heat and water

Section 8: Exposure Controls/Personal Protection

Engineering measures to reduce exposure : Store in a well ventilated covered godown.

Personal protection equipment :

Respiratory protection

Hand protection : Gloves

Eye protection : Goggles

Skin and body protection : Protective suit

Hygiene Measures

: Keep away from food, drink and animal feeding stuffs. Shower or bathe at the end of working.

Section 9: Physical and Chemical Properties

Form : White Crystalline material

Color : White

Boiling point/range : >100 °C

Solubility in water : Highly soluble

Ph of 10% solution : 9.50 to 10.00

Section 10: Stability and Reactivity Data

Stability : Stable at normal conditions

Conditions to avoid : Material should not be left in the open in moist air Or warm air as it is deliquescent in moist air and is efflorescent in warm air.

Polymerization : does not occur

Decomposition : Occurs above 225⁰C

Section 11: Toxicological Information

Acute Toxicity : Not Known

Local effects : Not Known

Sensitization : Not Known

Chronic Toxicity : Not Known

Section 12: Ecological Information

Ecotoxicity: Not available

Toxicity of products of Biodegradation : The product itself and its products of degradation are not toxic in nature

COD and BOD : Not available



Section 13: Disposal Considerations

Waste from residues/unused products : The organic ingredients can be incinerated in a suitable installation subject to local regulations

Contaminated packaging : Triple rinse containers; offer rinsed packaging material to local recycling facilities

Section 14: Transport Information

Land Transport : Not regulated

Sea Transport : Not regulated

Section 15: Other Regulatory Information

The product is not classified according to EU regulations.

S – Phrase (s) 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

S28 – After contact with skin, wash with plenty of water

S37 – Wear suitable gloves

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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