

Safety Data Sheet



TSP

1: Identification of the material and supplier

Names

Product Name: TSP
Other Names: Tri-Sodium Phosphate
Supplier: Chemform Pty Ltd (ABN: 50 008 905 119)
7 Kirke Street, Balcatta, WA 6021
Phone (08) 9344 2455 Fax: (08) 9344 4360 Email: admin@chemform.com.au
www.chemform.com.au
Emergency Telephone: Poisons Information Centre (Australia) 13 11 26
Recommended Use: Beer line cleaner

2: Hazardous Identification

Statement of Hazardous & Dangerous Nature: Classified as HAZARDOUS according to the criteria of Safe Work Australia and classified as non DANGEROUS GOOD according to criteria Australian Dangerous Goods Code.

Hazard Classification: Xi Irritant

Risk Phrase(s): R36/37/38 Irritating to eyes, respiratory system and skin.
R41 Risk of serious eye damage.

Safety Phrase(s): 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

3: Composition/Information on Ingredients

INGREDIENT	CAS NUMBER	PROPORTION
Tri-Sodium Phosphate	10101-89-0	To 100%

4: First Aid Measures

General:	If poisoning occurs, contact a doctor or Poisons Information Centre (Australia 13 11 26)
Ingestion:	If swallowed, rinse mouth out immediately and give plenty of water to drink. Do not induce vomiting. Seek medical attention urgently.
Eyes:	If in eyes, hold eyelids apart and flush the eye continuously with running water for at least 15 minutes. Seek medical attention
Skin:	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.
Inhalation:	Remove affected person to fresh air and keep calm. Seek medical attention if symptoms persist.
Advice to Doctor:	Treat symptomatically
First Aid Facilities:	Fresh water, soap, eyewash.
Long Term Effects:	None known.

5: Fire Fighting Measures

General Comment:	The product is non combustible
Specific Hazards:	Decomposes on heating emitting sodium and phosphorus oxides.
Hazchem Code:	Not applicable

6: Accidental Release Measures

Personal Precautions:	Keep unnecessary personnel away. Wear protective eyewear, gloves, overalls, and chemical resistant safety boots.
Spills and Disposal:	Prevent the spill from entering the environment. Sweep up and place in suitably labelled containers for disposal.

7: Handling and Storage

Handling:	Minimise direct contact with product.
Storage:	Always replace lid on container after use.
Hygiene Measures:	Always wash hands before eating, drinking, smoking or using the toilet.

8: Exposure Controls – Personal Protection

National Exposure Standards:	No exposure standard has been established for this product by the Safe Work Australia. However, the exposure standard for dust not otherwise specified is 10mg/m ³ (for inspirable dust) and 3mg/m ³ (for respirable dust).
Engineering Controls:	Avoid generation and inhalation of dust.
Personal Protection:	
Eyes:	Chemical goggles
Hands:	Chemical resistant gloves
Skin:	Overalls and chemical resistant boots

9: Physical and Chemical Properties

Appearance:	White powder
Odour:	Nil
pH (1% w/w):	11.5
Vapour Pressure:	Not known
Vapour Density:	Not known
Boiling Point:	Not relevant
Melting Point:	Not relevant
Solubility:	80g/L
Specific Gravity:	N/A

10: Stability and Reactivity

Chemical Stability:	The product is stable under normal conditions.
Conditions to Avoid:	Avoid extreme heat, high temperatures.
Incompatible Materials:	Acids

Hazardous

Decomposition

Products:	Decomposes on heating emitting sodium and phosphorus oxides
Hazardous Reaction:	Reacts violently acids

11: Toxicological Information

Ingestion (acute):	Oral LD50 (rat) 7400 mg/kg (product)
Eye (acute):	Causes irritation to eyes may be severe with possible corneal damage. Aqueous, highly alkaline solutions may produce caustic burns.
Skin (acute):	Contact with skin may result in irritation
Inhalation (acute):	Breathing in dust may result in respiratory irritation
Chronic Effects:	Repeated or prolonged skin contact may cause dermatitis

12: Ecological Information

Environmental Protection: Avoid contaminating waterways.

13: Disposal Considerations

Disposal Methods:	Disposal of this product and solutions of the product should at all times comply with requirements of environmental protection and waste disposal legislation as well as requirements by local authorities.
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14: Transport Information

UN Number:	Not applicable
UN Proper Shipping Name:	Not applicable
Class:	Not applicable
Subsidiary Risk:	Not applicable
Packing Group:	Not applicable
Special Precautions For users:	Ensure containers are clearly labeled. Keep containers securely sealed and protected against physical damage.
Hazchem Code:	Not applicable
IERG Number:	Not applicable

15: Regulatory Information

Packaging & Labelling: This product contains a Scheduled Poison (S5) and must therefore be stored, maintained and used in accordance with the relevant State Poisons Act. Defined as a "Non Dangerous Good" by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

16: Other Information

Prepared By: Brett Amos

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Change Made: Full review

References: Australian Dangerous Goods Code
List of Designated Hazardous Substances
National Code of Practice for the Preparation of Material Safety Data Sheets
Standard for the Union Scheduling of Drugs and Poisons

Contact Person/Point: Australia:
24 HOUR EMERGENCY CONTACT
Poisons Information Centre (Australia) 13 1126

LEGAL DISCLAIMER:

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

END OF SAFETY DATA SHEET