

Material Safety Data Sheet

1. Identification of the substance/preparation chemical product

Product/Trade Name: Injector cleaner

Chemical Name: Sodium polymetaphosphate

Material Safety Data Sheet Date: 21.01.08

Company Identification: Total Pool Chemicals Ltd. Unit 1, Pool Bank Park, High Street, Tarvin, Chester. CH3 8JH.
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2. Component Identification

Chemical Name	CAS Reg No	Einecs
Sodium polymetaphosphate	10361-03-2	233-782-9

3. Hazards Identification

Low Hazard in normal conditions of handling and use.

4. First Aid procedures

<u>Exposure Route</u>	<u>Symptom</u>	<u>Treatment</u>
Inhalation:	Mild irritation of airways	Remove subject from exposure, rest and keep warm. In severe cases or if recovery is not rapid or complete seek medical attention. Give artificial respiration if breathing has stopped.
Eye Contact:	Mild irritation	Flush eyes with large amount of water for at least 10 minutes. If irritation persists obtain medical attention.

Skin Contact:	Mild irritation	Drench affected skin areas thoroughly with plenty of water. remove contaminated clothing and wash thoroughly. Obtain medical attention if irritation persists.
Ingestion:	Mild irritation of upper Digestive tract.	Wash out mouth with water. if patient is conscious give water to drink. If patient feels unwell seek medical attention.

5. Fire Fighting Information

Suitable Extinguishers:	Use extinguisher suitable for cause of fire.
Hazardous Combustion Products:	Material does not burn or help other materials to burn.

6. Accidental Release Measures

Personal Protection:	Wear appropriate personal protective Equipment – see section 8.
Environmental Precautions:	Keep out of drains and water courses.
Clean Up Procedure:	Bund or absorb material with sand, earth or suitable absorbent material. If possible, transfer spilled material to suitable container for recovery.

7. Handling and Storage

Ventilation:	Store in a well ventilated area.
Storage:	Keep container tightly closed when not in use
Temperature Range:	Ambient
Humidity Range:	Ambient
Keep away from:	See section 10
Suitable storage media:	Store in tightly closed containers

8. Exposure Controls/Personal Protection

Exposure limit information

No	Name	CAS Reg No	TLV
	Sodium polymetaphosphate	10361-03-2	This product exhibits no acute toxicity on a single exposure

Personal Protection Measures

Eye protection: Use safety glasses (ANSI Z87.i) or approved equivalent

Hand protection: Use gloves

Skin: Wear overalls and boots

Hygiene Measures Always wash thoroughly after handling chemicals

9. Typical Physical and Chemical Properties

Appearance Clear solution

Freezing Point -3 deg C

Boiling Point >100 deg C

Specific Gravity 1.03 (water=1)

Odour Characteristic Slight aromatic

State Aqueous solution

Solubility in water Completely miscible in all proportions

10. Stability and Reactivity Information

Stability: This material is considered stable

Hazardous decomposition

Products Material does not burn or help other materials to burn

11. Toxicological Information

Based on information on pure raw materials

Acute Data Sodium Polymetaphosphate

Dermal LD50 – rabbit >7940 mg/kg

Oral LD50 – rat >6600 mg/kg

Eye irritation – rabbit Slight irritation

Skin irritation – rabbit practically no irritation

Mutagenicity data Non-mutagenic

Carcinogenicity data Non-carcinogenic

12. Ecological Information

Environmental Toxicity

Sodium poly metaphosphate Phosphate will promote algae growth in water courses.

13. Waste Disposal

Procedure For disposal, via authorised waste disposal contractor at a facility that complies with local, state and federal regulations.

14. Transport Information

ADR Class Not regulated for transport

IMO Class Not regulated for transport

IATA Class Not regulated for transport

15. Regulatory Information

Supply label details

Label name Injector cleaner

Symbols No risk or safety phrases stipulated

Risk phrases No risk or safety phrases stipulated

FURTHER INFORMATION

The information contained herein relates only to the specific material identified. Total Pool Chemicals believes that such information is accurate and reliable as of the date of this material safety data sheet, but representation, guarantee or warranty, expressed or implied, is made as to the accuracy, reliability or completeness of the information. Total Pool Chemicals urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application.