

Material Safety Data Sheet

1. Identification of the substance / preparation chemical product

Product/Trade Name: Poolside Scale Cleaner

Chemical Name: Sodium polymetaphosphate
Sodium carbonate

Material Safety Data Sheet Date: 17.01.08

Company Identification: Total Pool Chemicals Ltd, Unit 1, Pool Bank Park
High Street, Tarvin Chester, CH3 8JH
Telephone 01829 740290 Fax 01829 741855

2. Component Information:

Chemical name	CAS Reg. No.	Einecs
Sodium polymetaphosphate	10361-03-2	233-782-9
Sodium Carbonate		207-838-8

3. Hazards Identification

Low Hazard in normal conditions of handling and use.

4. First Aid Procedures

Exposure Route Symptom Treatment

Inhalation: 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: Irritation Flush eyes with large amount of water for at least 10 minutes. If irritation persists obtain medical attention

Skin Contact: Irritation Drench affected skin areas thoroughly with plenty of water. Remove contaminated clothing and wash thoroughly. Obtain medical attention if irritation persists. **Ingestion:** Irritation of upper Wash out mouth with water.

digestive tract 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:

Clean up Procedure: Mop up spillages with 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	EINICS No	TLV
	Sodium polymeta-phosphate	10361-03-2	This product exhibits no acute toxicity on a single exposure
	Sodium Carbonate	207-838-8	

PERSONAL PROTECTION MEASURES

Eye protection: Use safety glasses (ANSI Z87.1) 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°C

Boiling Point: >100 °C

Specific Gravity: 1.08 (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

Incompatibility:

11. TOXICOLOGICAL INFORMATION

Based on information on pure raw materials

Acute Data: Sodium Polymetaphosphate Sodium Carbonate

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 Non-mutagenic

Carcinogenicity Data: Non-carcinogenic Non-carcinogenic

12. ECOLOGICAL INFORMATION ENVIRONMENTAL TOXICITY

Sodium Polymetaphosphate 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 Scale remover

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 Water Treatment 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 Water Treatment urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application.