

**Material Safety Data Sheet**

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# TRIPHOS

**1. Identification of the substance and of the company**

Trade name: Triphos  
Chemical name: Trisodium Phosphate crystalline  
CAS number: 15819-50-58  
Company identification: STEROKEM Ltd.  
Address and telephone : P.O.Box 1428  
Deshanim Industrial Park,  
Haifa 31013 Israel  
Tel: 972-4-8468477/8

**2. Composition/information on ingredients**

Trisodium Phosphate:  $\text{Na}_3\text{PO}_4 \cdot 6\text{H}_2\text{O}$  95 -100%  
Symbols: C, Xi

**3. Hazards identification**

Main hazards: Principal effect due to irritant properties.

**4. First - Aid Measures**

Skin contact: Immediately flush with large amounts of water.  
Eye contact: Immediately flood with plenty of water holding the eye open.  
If necessary, obtain medical attention.  
Ingestion: Consult with a physician in all cases.  
Rinse mouth and administer fresh water.  
If necessary, obtain medical attention.

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### 5. Fire - fighting measures

Suitable: Not flammable  
Protection against fire: Keep containers cool with water spray.

### 6. Accidentals release measures

Personal precautions: Avoid contact with liquid. Wear full protective clothing. Wash away spillage with plenty of water.

### 7. Handling and storage

Technical protective measures: Store in a cool dry area away from direct heat.  
Store away from moisture and water as this causes lumping of the product. Keep away from strong acids.  
Should be stored in covered containers in a cool place.

### 8. Exposure Controls/Personal Protection

Engineering controls: Premises ventilation  
Provide local ventilation suitable for the emission risk.  
Respiratory protection: Not normally needed. If significant dust occurs, wear a NIOSH/MSMA approved dust respirator.  
Skin protection: Wear gloves, boots, chemical goggles, aprons or a permeable suit to avoid skin and eye contact.

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### 9. Physical and Chemical Properties

Physical State at 20°C:	Crystalline powder
Color:	White
Odor:	odorless
Bulk density:	850 – 1000 g/lit
Evaporation rate:	NA
Solubility in water:	30 part in 100 parts water at 25°C.
Percent volatilize:	NA
PH (1% solution at 25°C):	11.5 – 12.5
Melting point:	75°C
Flash point:	NA
Flammability:	Non flammable

### 10. Stability and Reactivity

Stability:	Stable under normal conditions of use
Conditions to avoid:	Heat/Sources of heat, moisture
Materials to avoid:	Acids; Aluminum

### 11. Toxicological Information

Oral RAT LD50	7400 mg/kg
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### **12. Ecological Information**

Information on ecological effects: None  
Biodegradation (%): None

### **13. Disposal Considerations**

Disposal: Contact waste exchanges for recycling.  
Dissolve in water.  
Dilute with large quantities of water.

### **14. Transportation Information**

This material is regulated as a non hazardous material.

### **15. Regulatory Information**

EC Labeling and classification

Symbol (s): Corrosive C, Irritant XI

R Phrase (s): R34

EC safety phrases: S26, S27, S37, S39

### **16. Other Information**

Further information: None