

## MATERIAL SAFETY DATA SHEET

### SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

#### Product Details

Product name: **STEROX**

Company: STEROKEM LTD  
P.O. Box 1428  
Deshanim Industrial park  
Haifa 31013 Israel

Telephone: 972-4-8468477/8  
Fax: 972-4-8468479  
E-mail: [info@sterokem.com](mailto:info@sterokem.com)  
Website: [www.sterokem.com](http://www.sterokem.com)  
Emergency Telephone: 972-4-8468477/8

Hazard Rating	HMIS *	NFPA **
Health	2	2
Fire Hazard	0	0
Reactivity	1	1
4=very High 3=High 2=Moderate 1=Slight 0=Insignificant		
* Hazardous Material Information System ** National fire protection association		

### SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Alkaline powder, oxidizing.

### SECTION 3: HAZARDS IDENTIFICATION

Hazard designation: Irritant Xi

Information pertaining to particular dangers for man and environment  
R 36/38 irritating to eyes and skin.

### SECTION 4: FIRST AID MEASURES

Eye Contact: Wash with plenty of water for at least 15 minutes and seek medical advice.  
Skin contact: Wash with plenty of water and seek medical advice if irritation persists.  
Inhalation: Move to a well-ventilated area and seek medical attention if required.  
Ingestion: If significant quantities are ingested, drink plenty of water and obtain medical advice.

### SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing agents: CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.  
Protective equipment: no special measures required.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Person-related safety precautions: wear protective equipment. Keep unprotected persons away.  
Measures for environmental protection: no special measures required.  
Measures for cleaning / collecting: collect mechanically.  
Dispose of contaminated material as waste according to item 13. Ensure adequate ventilation.

### SECTION 7: HANDLING & STORAGE

Handling  
Information for safe handling: thorough dedusting.  
Information about protection against explosions and fires: no special measures required.

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### Storage

Requirements to be met by storerooms and containers: no special requirements.  
Observe laws and regulations for storage and handling of chemicals hazardous for water.

### SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

General protective and hygienic measures: keep away from foodstuffs, beverages and food.  
Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of the work. Avoid contact with the eyes and skin.

#### Personal protective equipment:

Respiratory protection: Dust mask when handling powders  
Hand protection: PVC or leather gloves.  
Eye protection: Safety goggles or face shield  
Skin (body) protection: Industrial overall  
Foot protection: Safety boots  
Head protection: Safety helmet

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Form: powder  
Color: white  
Smell: not characteristic  
Flash point: not applicable  
Self-inflammability: product is not selfigniting  
Danger of explosion: product is not explosive  
Density at 20°C: 0.800– 1.000 g/cm<sup>3</sup>  
Solubility in / Miscibility with water: soluble  
Ph-value 1.0% sol: 10.5 – 11.5

### SECTION 10: STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided: no decomposition if used according to specifications.  
Dangerous products of composition: strong exothermic reaction with acids.

### SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity:  
Primary irritant effect:  
On the skin: irritant for skin and mucous membranes.  
On the eye: irritant effect.  
Sensitization: no sensitizing effect known.  
Additional toxicological information:  
Irritant

### SECTION 12: ECOLOGICAL INFORMATION

Do not allow undiluted or unneutralized product or large quantities of it to reach ground water, water bodies or sewage system.

### SECTION 13: DISPOSAL CONSIDERATIONS

Product recommendation: must not be disposed of together with household garbage. Do not allow product to reach sewage system.

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Uncleaned packaging:

Recommendation: disposal must be made according to official regulation.

Recommended cleaning agent: water, if necessary with cleaning agent.

### **SECTION 14: TRANSPORT INFORMATION**

Not classified as a substance hazardous for transport.

### **SECTION 15: REGULATORY INFORMATION**

Code letter and hazard designation of product:

Xi irritant

Risk phrases:

R36/38 irritating to eyes and skin

Safety phrases:

S2 Keep out of the reach of children.

S22 Do not breathe dust.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28 After contact with skin, wash immediately with plenty of water.

### **SECTION 16: OTHER INFORMATION**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

*Revised: 24-08-09*

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