

## 1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

**Identification of Preparation:** Kemphos 2001-PINK

**Date of Safety Data Sheet:** AUG 19,2019

**Company Identification:** Sterokem Ltd  
Deshanim Industrial Park POB 1428  
Haifa 31013  
Israel

**Company Emergency Telephone Number** 972-4-8468477/8

**Company Email:** info@sterokem.com

**Company Website:** www.sterokem.com

## 2. HAZARD IDENTIFICATION

### Emergency Overview:

#### OSHA Hazards

Irritant

#### GHS- US/CDN Classification

Skin irritation (Category 2)

Eye irritation (Category 2A)

#### GHS Label elements, including precautionary statements

Pictogram (GHS-US/CDN)

#### Hazard Pictograms (GHS-US/CDN):



**Signal Word (GHS-US):** Warning

#### Hazard Statements (GHS-US/CDN):

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

#### Precautionary Statements (GHS-US/CDN):

P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.

P264 Wash skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/ eye protection/ face protection.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
 P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P312 Call a POISON CENTER or doctor/ physician if you feel unwell.  
 P321 Specific treatment (see supplemental first aid instructions on this label).  
 P332 + P313 If skin irritation occurs: Get medical advice/ attention.  
 P337 + P313 If eye irritation persists: Get medical advice/ attention.  
 P362 Take off contaminated clothing and wash before reuse.  
 P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
 P501 Dispose of contents/ container to an approved waste disposal.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Description:** Chemical

| Ingredient                        | CAS#       | % by Wt | Classification   |
|-----------------------------------|------------|---------|--|
| Trisodium Phosphate, Chlorinated. | 56802-99-4 | 100%    | Skin Irritation Category 2A - H315<br>Eye Irritation Category 2 - H319 |

### 4. FIRST AID MEASURES

**Inhalation:** Remove to fresh air. If symptoms persist consult physician.  
**Eye Contact:** Remove contacts. Flush with water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.  
**Skin Contact:** Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.  
**Ingestion:** Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personal. Never give anything to an unconscious person. Get medical aid.  
**Notes to Physician:** Treatment based on judgment of attending physician.

### 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Flood with water for extinguishing agent. CO2, dry chemical, alcohol resistant foam.  
**Unsuitable extinguishing media:** No information available.  
**Special safety equipment:** Self-contained positive pressure breathing apparatus and protective clothing.  
**Hazardous products of combustion:** Hazardous fumes such as chlorine may be produced when involved in a fire.

## 6. ACCIDENTAL RELEASE MEASURES

### **Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Do not get in eyes, on skin, or on clothing. Do not breathe mist.

#### **For Non-Emergency Personnel**

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### **For Emergency Personnel**

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area.

#### **Environmental Precautions:**

Prevent entry to sewers and public waters.

#### **Methods and Material for Containment and Cleaning Up**

**For Containment:** Contain any spills with dikes to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clear up spills immediately with absorbent and dispose of waste safely.

#### **Reference to Other Sections**

See Heading 8. Exposure controls and personal protection.

## 7. HANDLING AND STORAGE

### **Precautions for safe handling:**

Ensure good ventilation/exhaustion at the workplace.

### **Information about fire - and explosion protection:**

Keep respiratory protective device available.

No special measures required.

### **Conditions for safe storage, including any incompatibilities**

#### **Storage:**

#### **Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Protect from humidity and water.

Avoid storage near extreme heat, ignition sources or open flame.

#### **Information about storage in one common storage facility:**

Store away from foodstuffs.

#### **Further information about storage conditions:**

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well ventilated area.

Keep container tightly sealed.

**Specific end use(s)** No further relevant information available.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### **Control parameters**

#### **Components with workplace control parameters**

No exposure standard has been set for this chemical. However, the exposure standard for dust no otherwise specified is 10 mg/m<sup>3</sup> ( for inspirable dust) and 3 mg/m<sup>3</sup> ( for respirable dust)

#### **8.2 Exposure controls**

##### **Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at

the end of workday.

**Personal protective equipment**



**Eye/face protection**

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body Protection**

impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator .For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure**

Do not let product enter drains.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

|                                   |                     |                                 |
|-----------------------------------|---------------------|---------------------------------|
| <b>Physical State</b>             | Solid.              |                                 |
| <b>Appearance</b>                 | Powder.             | <b>Odour</b> Slight chlorine    |
| <b>Colour</b>                     | Pink.               | <b>Odour Threshold</b> not est. |
| <b>Property</b>                   | <b>Values</b>       | <b>Remarks/Method</b>           |
| <b>pH 1 %</b>                     | 11.4 – 11.7         | None known                      |
| <b>Melting/Freezing Point</b>     | No data available   | None known                      |
| <b>Boiling Point/Range</b>        | No data available   | None known                      |
| <b>Flash Point</b>                | Not applicable.     | None known                      |
| <b>Evaporation Rate</b>           | No data available   | None known                      |
| <b>Flammability ( solid, gas)</b> | Not flammable       | None known                      |
| <b>Flammability Limit in Air:</b> |                     |                                 |
| <b>Upper Limit</b>                | No data available   | None known                      |
| <b>Lower Limit</b>                | No data available   | None known                      |
| <b>Vapour Pressure</b>            | No data available   | None known                      |
| <b>Vapour density</b>             | No data available   | None known                      |
| <b>Specific Gravity</b>           | 0.65-0.75 grams/ cc |                                 |
| <b>Water Solubility</b>           | Soluble in water.   | None known                      |
| <b>Solubility Other Solvents</b>  | No data available   | None known                      |
| <b>Partition Coefficient:</b>     |                     |                                 |
| <b>n-octanol/water</b>            | No data available   | None known                      |
| <b>Autoignition temperature</b>   | No data available   | None known                      |

|                                  |                   |            |
|----------------------------------|-------------------|------------|
| <b>Decomposition Temperature</b> | No data available | None known |
| <b>Kinematic Viscosity</b>       | No data available | None known |
| <b>Dynamic Viscosity</b>         | No data available | None known |
| <b>Explosive Properties</b>      | No data available | None known |
| <b>Oxidizing Properties</b>      | No data available | None known |

**Other Properties:**

|                                   |                   |
|-----------------------------------|-------------------|
| <b>Softening Point</b>            | No data available |
| <b>VOC Content %</b>              | No data available |
| <b>Particle Size</b>              | No data available |
| <b>Particle Size Distribution</b> | No data available |

**10. STABILITY AND REACTIVITY**

|  |   |
|--|---|
| <b>Reactivity:</b>                                       | No data available   |
| <b>Chemical Stability:</b>                               | The product may be unstable above 60 C. The amount of chlorine slowly diminishes at high temperature. Cool storage prolongs viability. The shelf life is 2 years. |
| <b>Possibility of Hazardous Reactions:</b>               | None under normal processing  |
| <b>Hazardous Polymerization:</b>                         | Does not occur.   |
| <b>Conditions to avoid:</b>                              | Incompatible agents   |
| <b>Incompatible materials:</b>                           | Oxidizing agents, acids.  |
| <b>Hazardous Decomposition Products:</b>                 | None known.   |
| <b>Thermal Decomposition / Conditions to be avoided:</b> | Stable under normal conditions.   |

**11. TOXICOLOGICAL INFORMATION**

**Information on toxicological effects**

**Acute toxicity:**

**LD/LC50 values relevant for classification:**

**Trisodium Phosphate, Chlorinated CAS #56802-99-4:**

Oral LD50 2000 mg/kg (rat)  
Dermal LD 50 2000 mg/kg (rabbit)  
Inhalation LD 50 not established

**Primary irritant effect:**

**Based on test data and/or information on the components, this material may produce the following health effects:**

**Eye contact**

Severe eye irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

**Skin contact**

Contact with the skin during product use is not expected to result in significant irritation.

**Inhalation**

Respiratory tract irritation: product use is not expected to result in significant irritation.

**Ingestion**

Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea.

**Sensitization:** No sensitizing effects known.

**Additional toxicological information:**

None known

## 12. ECOLOGICAL INFORMATION

|                                       |                                   |
|---------------------------------------|-----------------------------------|
| <b>Toxicity:</b>                      | Not classified                    |
| <b>Persistence and Degradability:</b> | Not available                     |
| <b>Bioaccumulative Potential:</b>     | Not available                     |
| <b>Mobility in Soil:</b>              | Not available.                    |
| <b>Other Adverse Effects</b>          |                                   |
| <b>Other Information:</b>             | Avoid release to the environment. |

## 13. DISPOSAL

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

**Ecology – Waste Materials:** Avoid release to the environment.

## 14. TRANSPORTATION INFORMATION

Not regulated under TGD or DOT

## 15. REGULATION

### **SARA 302 Components**

No chemicals in this material are subject to the reporting requirements of SARA Title III,

### **SARA 313 Components**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III.

### **SARA 311/312 Hazards**

Acute Health Hazard

**Clean Water Act (CWA) 307:** No products were found.

**Clean Water Act (CWA) 311:** No products were found.

**Clean Air Act (CAA) 112 regulated toxic substances:** No products were found.

### **California Prop. 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**EPA TSCA Inventory:** Appears

**Canadian DSL:** Appears.

**EINECS:** Appears.

### **GHS Definitions:**

Serious eye damage/eye irritation, Category 2A - H319 Causes serious eye irritation

Skin corrosion/irritation, Category 2 - H315 Causes skin irritation

**HMIS III Rating:**

Health: 2

Flammability: 0

Physical: 0

Personal Protection: B

**SDS US** (GHS HazCom 2012) **SDS CDN** (GHS WHIMS 2015)

**16. OTHER INFORMATION**

**Prepared By:** Sterokem Technical Dept.  
P.O.Box 1428  
Deshanim Industrial  
Haifa 31013 Israel

**Issuing Date:** May 24 2018.

**Disclaimer:**

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**End of Safety Data Sheet**

~~STEROKEM LTD~~  
~~סטרוקם לימ~~

Avi Borenstein

Product Manager  
Sterokem Ltd.