

ABCCORK

YOUR ONE STOP SHOPPING SOURCE SINCE 1972

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MATERIAL SAFETY DATA SHEET

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION

PRODUCT NAME: **KEMPHOS 2001**
Chemical name: Chlorinated Trisodium Phosphate
Chemical formula: $[\text{Na}_3\text{PO}_4 \cdot 11\text{H}_2\text{O}]$ 4. NaOCl

2 HAZARDS IDENTIFICATION

CLASSIFICATION (67/548) Xi;R36/37/38.

CLASSIFICATION (EC 1272/2008)

| | |
|---------------|---|
| Physical | Not classified. |
| Health | Skin Irrit. 2 - H315; Eye Irrit. 2 - H319; STOT SE 3 - H335 |
| Environmental | Not classified. |

LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008



SIGNAL WORD Warning

HAZARD STATEMENTS

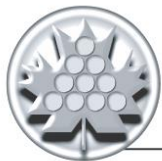
| | |
|------|-----------------------------------|
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |

PRECAUTIONARY STATEMENTS

| | |
|--------------|--|
| P305/351/338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P313 | Get medical advice/attention. |

SUPPLEMENTARY PRECAUTIONARY STATEMENTS

| | |
|------|--|
| P261 | Avoid breathing dust |
| P271 | Use only outdoors or in a well-ventilated area. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |



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| | |
|----------|--|
| P302/352 | IF ON SKIN: Wash with plenty of soap and water. |
| P304/340 | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| P312 | Call a POISON CENTER or doctor/physician if you feel unwell. |
| P332/313 | If skin irritation occurs: Get medical advice/attention. |
| P403/233 | Store in a well-ventilated place. Keep container tightly closed. |

3 COMPOSITION/INFORMATION ON INGREDIENTS

| | |
|-------------------------|--|
| Main Ingredient: | Trisodium Phosphate Chlorinated hydrated |
| CAS-No. | 56802-99-4 |

4 FIRST-AID MEASURES

INHALATION

Remove victim immediately from source of exposure. Move the exposed person to fresh air at once. Get medical attention.

INGESTION

Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues.

SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

SPILL CLEAN UP METHODS

Avoid generation and spreading of dust. Shovel into dry containers. Cover and move the containers. Flush the area with water.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

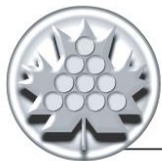
Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place. Keep in original container.

STORAGE CLASS

ABC CORK CO. | Head Office 653 Wilton Grove Rd.W. | London, ON | N6N 1N7 | Canada | E-mail: info@abccork.com
Phone: 519.668.6160 | Toll Free Phone: 1.877.668.6160 | Fax: 519.668.2004 | Toll Free Fax: 1.866.295.6874



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Chemical storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of dust.

RESPIRATORY EQUIPMENT

No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m³.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

EYE PROTECTION

Wear dust resistant safety goggles where there is danger of eye contact.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---------------------|---|-----------------------|---------------------|
| APPEARANCE | two versions: white or pink powder with faint chlorine odor | | |
| COLOUR | White / off-white | | |
| Solubility: | 20g per 100g water at 20°C | | |
| BULK DENSITY | 0.650 - 0.750 g/ml | pH-VALUE, 1% SOLUTION | 11.5 - 12.5 at 20°C |

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

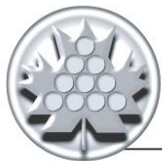
Avoid excessive heat for prolonged periods of time.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

11 TOXICOLOGICAL INFORMATION

| | |
|-----------------------------|---------------------------|
| TOXIC DOSE 1 - LD 50 | 4.8 g/kg mg/kg (oral rat) |
|-----------------------------|---------------------------|



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INHALATION

Irritating to respiratory system.

INGESTION

May cause discomfort if swallowed.

SKIN CONTACT

Irritating to skin.

EYE CONTACT

Irritating to eyes.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment.

LC 50, 96 Hrs, FISH mg/l

0.08 mg/l of free chlorine

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

15 REGULATORY INFORMATION

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

16 OTHER INFORMATION

REV. 24. 2.16