

MATERIAL SAFETY DATA SHEET

000003151/F/USA  
Approval Date: 08/14/2001  
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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Dicalcium Phosphate, Dibasic

Product Identification Number(s): 250972

Manufacturer/Supplier: EASTMAN KODAK COMPANY, Rochester, New York 14650

For Emergency Health, Safety & Environmental Information, call (716) 722-5151

Synonym(s): KAN 250972

Molecular Formula: Ca . HO4P

Molecular Weight: 136.1

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Weight % - Component - (CAS Registry No.)

100 Dicalcium phosphate (007757-93-9)

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3. HAZARDS IDENTIFICATION

THE TOXICOLOGICAL PROPERTIES OF THIS MATERIAL HAVE NOT BEEN FULLY INVESTIGATED  
EXPECTED TO BE A LOW HEALTH HAZARD FOR RECOMMENDED HANDLING

Eastman Kodak Hazard Ratings: R-1, S-1, F-0, C-0

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4. FIRST-AID MEASURES

Inhalation: If symptomatic, move to fresh air. Treat symptomatically. Get medical attention if symptoms persist.

Eyes: Any material that contacts the eye should be washed out immediately with water. Get medical attention if symptoms occur.

Skin: Wash with soap and water. Get medical attention if symptoms occur.

Ingestion: Drink 1-2 glasses of water. Seek medical attention. Never give anything by mouth to an unconscious person.

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**5. FIRE FIGHTING MEASURES**

**Extinguishing Media:** Use appropriate agent for adjacent fire.

**Special Fire-Fighting Procedures:** Wear self-contained breathing apparatus and protective clothing. Fire or excessive heat may produce hazardous decomposition products.

**Hazardous Combustion Products:** None (noncombustible) (see also Hazardous Decomposition Products section)

**Unusual Fire and Explosion Hazards:** None

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**6. ACCIDENTAL RELEASE MEASURES**

Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Sweep or scoop up and remove. Clean surface thoroughly to remove residual contamination.

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**7. HANDLING AND STORAGE**

**Personal Precautionary Measures:** Avoid prolonged or repeated breathing of dust. Avoid contact with eyes and prolonged or repeated contact with skin. Use with adequate ventilation. Wash thoroughly after handling.

**Prevention of Fire and Explosion:** No special precautionary measures should be needed under anticipated conditions of use.

**Storage:** Keep container closed.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Limits:** Not established

**Ventilation:** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory protection may be needed in special circumstances such as poorly ventilated spaces, mechanical generation of dusts, heating, drying, etc.

**Respiratory Protection:** If engineering controls do not maintain airborne concentrations to an acceptable level, an approved respirator must be worn. Respirator type: N95 Particulate Filter. If respirators are used, a program should be instituted to assure compliance with OSHA Standard 29 CFR 1910.134.

**Eye Protection:** It is a good industrial hygiene practice to minimize eye contact. Wear safety glasses with side shields (or goggles).

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**Skin Protection:** It is a good industrial hygiene practice to minimize skin contact. For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn.

**Recommended Decontamination Facilities:** Eye bath, washing facilities, safety shower

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**9. PHYSICAL AND CHEMICAL PROPERTIES****Physical Form:** Solid**Color:** Not available**Odor:** Not available**Specific Gravity (water = 1):** Not available**Vapor Pressure:** Not available**Vapor Density (Air = 1):** Not applicable**Volatile Fraction by Weight:** Not applicable**Melting Point:** Not available**Solubility in Water:** Not available**pH:** Not applicable Not applicable**Flash Point:** Not applicable, noncombustible solid

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**10. STABILITY AND REACTIVITY****Stability:** Stable**Incompatibility:** None with common materials and contaminants with which the material may reasonably come into contact.**Hazardous Decomposition Products:** Oxides of phosphorus**Hazardous Polymerization:** Will not occur.

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**11. TOXICOLOGICAL INFORMATION****Effects of Exposure:****General:** The toxicological properties of this material have not been fully investigated and its handling and use may present additional hazards.**Inhalation:** Expected to be a low hazard for recommended handling.**Eyes:** Expected to be a low hazard for recommended handling.**Skin:** Expected to be a low hazard for recommended handling.**Ingestion:** Expected to be a low ingestion hazard.

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**12. ECOLOGICAL INFORMATION**

This section has not been completed.

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**13. DISPOSAL CONSIDERATIONS**

Discharge, treatment, or disposal may be subject to national, state, or local laws. Contract with a licensed chemical disposal agency. Since emptied containers retain product residue, follow label warnings even after container is emptied.

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**14. TRANSPORT INFORMATION**

For transportation information, call the Kodak Worldwide Transportation Hazmat Hot Line: (716) 722-2400 between 8 a.m. and 5:00 p.m. (Eastern Standard Time), Monday through Friday.

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**15. REGULATORY INFORMATION**

- Material(s) known to the State of California to cause cancer: None
- Material(s) known to the State of California to cause adverse reproductive effects: None
  
- Carcinogenicity Classification (components present at 0.1% or more):
  - International Agency for Research on Cancer (IARC): None
  - American Conference of Governmental Industrial Hygienists (ACGIH): None
  - National Toxicology Program (NTP): None
  - Occupational Safety and Health Administration (OSHA): None
  
- Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372: None

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**16. OTHER INFORMATION**

US/Canadian Label Statements:

**THE TOXICOLOGICAL PROPERTIES OF THIS MATERIAL HAVE NOT BEEN FULLY INVESTIGATED EXPECTED TO BE A LOW HEALTH HAZARD FOR RECOMMENDED HANDLING**

Avoid prolonged or repeated breathing of dust.  
Avoid contact with eyes and prolonged or repeated contact with skin.  
Use with adequate ventilation.  
Wash thoroughly after handling.

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**FIRST AID:** Treat symptomatically. Get medical attention if symptoms occur.  
Keep out of reach of children.

For additional information, see Material Safety Data Sheet (MSDS) for this material.

Additional hazard precautions for containers greater than 1 gallon of liquid or 5 pounds of solid:

**IN CASE OF SPILL:** Sweep or scoop up and remove.

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The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and the protection of the environment.