



COLUMBUS CHEMICAL INDUSTRIES INC.

P.O. BOX 8
COLUMBUS, WISCONSIN 53925-0008
(920) 623-2140
FAX (920) 623-2577

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (as Used on Label and List)

Sodium Pyrophosphate, dodecahydrate

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I

Manufacturers /Distributor Address Number Street City State and Zip Code

Columbus Chemical Industries, Inc.

N4335 Temkin Road

Columbus, WI 53925-0008

Emergency Telephone Number

CHEMTREC 1 (800) 424-9300

Telephone Number for Information

1 (920) 623-2140

Date Prepared

03-27-2006

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Table with 6 columns: Hazardous Components (Specific Chemical Identity, Common Name(s)), CAS #, OSHA PEL, ACGIH TLV, Other Limits Recommended, % (optional). Row 1: Sodium Pyrophosphate*, 13472-36-1, Not Available, Not Available, Not Available.

*SYNONYMS: Tetrasodium pyrophosphate

Section III - Physical/Chemical Characteristics

Table with 4 columns: Property, Value, Property, Value. Rows: Boiling Point (Decomposes), Specific Gravity (H2O = 1) (Not Available); Vapor Pressure (mm Hg) (Not Available), Melting Point (80 °C); Vapor Density (AIR = 1) (Not Available), Evaporation Rate (Butyl Acetate = 1) (Not Available).

Solubility in Water

Complete.

Appearance and Odor

Colorless solid

Section IV Fire and Explosion Hazard Data

Table with 4 columns: Flash Point (Method Used), Flammable Limits, LEL, UEL. Row 1: Not flammable., Not applicable, Not Applicable.

Extinguishing Media

Carbon dioxide, dry chemical powder, water spray, appropriate foam.

Special Fire Fighting Procedures

In the event of a fire, wear full protective clothing and NIOSH/MSHA-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

Unusual Fire and Explosion Hazards

Emits toxic fumes under fire conditions.

Section V Reactivity Data

| | | | | |
|-----------|----------|---|---------------------|-------|
| Stability | Unstable | | Conditions to Avoid | Heat. |
| | Stable | X | | |

Incompatibility Materials to Avoid

Strong oxidizing agents.

Hazardous Decomposition or Byproducts

Phosphorous oxides, phosphine.

Hazardous Polymerization**Conditions to Avoid**

| | | | |
|--|----------------|---|-------|
| | May Occur | | None. |
| | Will Not Occur | X | |

Section VI Health Hazard Data**Routes of Entry****Inhalation ?****Skin ?****Ingestion ?**

| | | | |
|--|-----|--|-----|
| | Yes | | Yes |
|--|-----|--|-----|

Health Hazards (Acute and Chronic)

Material is irritating to mucous membranes and upper respiratory tract. May cause skin and eye irritation upon contact. Repeated or prolonged inhalation may produce respiratory tract irritation and bronchial infection.

Carcinogenicity**NTP****IARC Monographs****OSHA REGULATED?**

| | | | |
|--|------------|------------|------------|
| | Not listed | Not Listed | Not Listed |
|--|------------|------------|------------|

Signs and Symptoms of Exposure.

SKIN: Burning sensation, redness, swelling, itchiness. EYES: Burning sensation, redness, itchiness, tearing.

INHALATION: Irritation of lungs leading to coughing, choking or shortness of breath. INGESTION: Nausea and vomiting.

Medical Conditions Generally Aggravated by Exposure

Unknown to CCI.

Emergency and First Aid Procedures

INGESTION: If swallowed, wash out mouth with water provided person is conscious, call a physician. SKIN: Immediately wash skin with soap and large amounts of water. Flush skin with water. EYES: In case of contact, immediately flush with large amounts of water for at least 15 minutes. Call physician. INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call physician.

Section VII Precautions for Safe Handling and Use**Steps to be Taken in Case Material is Released or Spilled**

Evacuate area. Wear Dust respirator, chemical-resistant goggles, rubber boots, apron and heavy rubber gloves. Sweep up and place in a bag and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete.

Waste Disposal Method Dispose in accordance with all Federal, state, and local regulations.

Precautions to be Taken in Handling and Storing

Keep in tightly closed plainly-labelled containers, stored in a cool, dry, ventilated area away from materials. Protect against physical damage and light. Maintain adequate ventilation. Wash thoroughly after handling. Avoid contact with eyes, skin and clothing. Do not ingest or breathe.

Other Precautions Containers, even when empty, will retain residue and vapors that may be dangerous. Always obey hazard warnings and handle empty containers as if they were full.

Section VII Control Measures

Respiratory Protection (Specify Type) NIOSH/MSHA-approved respirator with dust/mist cartridges.

| | | | | |
|-------------|----------------------|--------------|---------|-----------------------|
| Ventilation | Local Exhaust | Necessary. | Special | Eyewash nearby. |
| | Mechanical (General) | Recommended. | Other | Safety shower nearby. |

Protective Gloves Rubber gloves. Eye Protection Chemical safety goggles.

Other Protective Clothing or Equipment Rubber boots, body-covering clothing.

Work /Hygienic Practices Contact lenses should not be worn when working with this material. Maintain eye wash fountain and quick-drench facilities in work area. Avoid prolonged or repeated exposure. Ensure prompt removal from skin, eyes and clothing. Wash thoroughly after handling. Avoid breathing dust.

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