



TULSTAR PRODUCTS, INC.

5510 SOUTH LEWIS AVENUE • TULSA, OK 74105 • (918) 749-9060 • FAX (918) 747-1444
TULSTAR@TULSTAR.COM • WWW.TULSTAR.COM

Material Safety Data Sheet

Company Information

Company Name: **TULSTAR PRODUCTS, INC.**
5510 S Lewis Avenue
Tulsa, OK 74105
Phone Number: (918) 749-9060
Fax Number: (918) 747-1444
Email Address: tulstar@tulstar.com
Emergency Contact: CHEMTREC 800-424-9300 (24 hours)

Product Information

Product name: DIMAGNESIUM PHOSPHATE
Product number: 7 5193

Hazardous Ingredients & Identity Information

Chemical Identity: Food grade Dimagnesium Phosphate powder
Hazardous Components: Not applicable

Physical & Chemical Characteristics

Boiling Point: Not applicable
Vapor Pressure: Not applicable
Vapor Density: Not applicable
Solubility in Water: Virtually Insoluble
Appearance & Odor: White odorless powder
Bulk Density: Approx. 1200kg/cu. Meter
Melting Point: Not applicable
Evaporation Rate: Not applicable
pH (1% w/w solution) Not applicable

Fire & Explosion Hazard Data

Flash Point: Not applicable (Non-flammable)
Extinguishing Media: Use fire fighting measures that suit the environment, CO₂, extinguishing powder or water jet. Fight larger fires with foam.
Special Fire Fighting Procedures: Do not allow drainage to enter surface or ground water, if possible. No dangerous materials are released.
Unusual Fire and Explosion Hazards: None

Reactivity Data

Stability: Stable; no decomposition if used according to specifications. No dangerous reactions known and no dangerous decomposition products known.
Hazardous Polymerization: Not applicable

Health Hazard Data

Possible Routes of Entry:

Inhalation? Yes **Skin Absorption?** Yes
Ingestion? Yes **Skin & Eye Contact?** Yes

Health Hazards:

Carcinogenicity: Not listed by NTP, IARC or OSHA as a carcinogen.

Signs and Symptoms of Exposure: Dust may be mild eye irritant. May cause irritation of breathing passages.

Medical Conditions Generally Aggravated by Exposure: As above.

Emergency and First Aid Procedures: INHALATION: supply fresh air in well-ventilated areas. SKIN CONTACT: rinse immediately with plenty of fresh water. EYE CONTACT: rinse opened eye for several minutes under running fresh water, then consult physician. INGESTION: rinse mouth well and drink plenty of water. Consult physician.

Precautions For Safe Handling and Use

Steps to be taken if materials is released or spilled: Avoid drainage to surface or ground water if possible. Collect mechanically. Prevent accumulation of dust. Forms slippery floor conditions when mixed with water.

Waste Disposal Method: Dispose of in accordance with local regulations.

Precautions to be Taken in Handling and Storage: Handle in accordance with usual methods for a mild irritant. Avoid excessive exposure, use adequate ventilation, and use NIOSH/MSHA-approved respiratory protection equipment when airborne exposure limits are exceeded (see below). Wash skin immediately after handling, use safety goggles. Wear protective clothing & gloves. Store in cool, dry conditions in well-sealed non-reactive containers. No special storage required if properly handled.

Airborne Exposure Limits: OSHA and ACGIH have not established specific exposure limits for material. However, OSHA and ACGIH have established limits for particulates not otherwise classified (PNOC) which are the least stringent exposure limits applicable to dusts.

OSHA PEL

15 mg/m³ (total dust) 8-hr TWA

5 mg/m³ (respirable) 8-hr TWA

ACGIH TLV

10 mg/m³ (inhalable) TWA

3 mg/m³ (respirable) TWA

Control Measures:

Respiratory Protection: Use NIOSH/MSHA-approved respiratory protection equipment when airborne exposure limits are exceeded (see above).

Ventilation: Adequate with mechanical exhaust if necessary. Avoid inhalation of high airborne concentrations.

Protective Gloves: Adequate to prevent skin contact-rubber or plastic.

Other Protective Clothing or Equipment: Adequate to prevent skin contact, safety goggles or face mask.

Work/Hygenic Practices: Practice good material-handling procedures for dry powdered materials.

Transportation Regulatory Requirements: Not regulated by U.S. D.O.T.

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