



TULSTAR PRODUCTS, INC.

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MATERIAL SAFETY DATA SHEET

COMPANY INFORMATION

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

IDENTIFICATION

Chemical Name: Orthophthalaldehyde (OPAD)
Chemical Formula: $C_8H_6O_2$
Percent: 99.0
CAS Number: 643-79-8

HAZARDOUS IDENTIFICATIONS

Label Precautionary Statements: Irritant, irritating to eyes, respiratory system and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical attention. Wear suitable protective clothing.

FIRST-AID MEASURES

Eyes: In case of contact immediately flush with plenty of water for at least 15 minutes.
Skin: In case of contact, immediately wash with soap and plenty of water.
Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
Ingested: If swallowed, wash out mouth with water provided person is conscious. Call a physician. Wash contaminated clothing before reuse.

FIRE FIGHTING MEASURES

Extinguishing Media: Water Spray. Carbon dioxide, dry chemical powder or appropriate foam.
Special Firefighting Procedures: Wear self-contaminated breathing apparatus and protective clothing to prevent contact with skin and eyes.
Unusual Fire & Explosion Hazards: Emits toxic fumes under fire conditions.

ACCIDENTAL RELEASE MEASURES

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves.
Sweep up spill, place in bag and hold for waste disposal.
Avoid raising dust.
Ventilate area and wash spill site material pickup is complete.

HANDLING & STORAGE

Refer to below paragraph.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Safety Goggles.
Compatible chemical-resistant gloves.
NOISHA/MSHA-approved respirator.
Safety shower and eye bath.
Mechanical exhaust required.
Do not breath dust.
Avoid contact with eyes, skin and clothing.
Wash thoroughly after handling.
Irritant.
Keep tightly closed.
Store in a cool dry, place.

PHYSICAL & CHEMICAL PROPERTIES

Appearance and Odor: Y
Yellow Crystalline Powder
Physical Properties:
Melting Point: 55°C to 58°C
Flashpoint: >230F, >110C

STABILITY & REACTIVITY

Incompatibilities: Strong oxidizing Agents
Strong bases
Hazardous Combustion/Decomposition products:
Toxic fumes of: Carbon Monoxide, Carbon Dioxide

TOXICOLGICAL INFORMATION

Acute Effects: May be harmful by inhalation, ingestion, or skin absorption. Causes eye and skin irritation. Material is irritating to mucous membranes and upper respiratory tract. To the best of our knowledge, the chemical, physical, and toxicological properties have been thoroughly investigated.

RTECS #: TH6950000
Phthaladehyde Only selected registry of toxic effects of chemical substances (RTECS) Data is presented here. See actual entry in RTECS for complete information.

ECOLOGICAL INFORMATION

Data not yet available.

DISPOSAL CONSIDERATIONS

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

TRANSPORTATION INFORMATION

Contact Sigma Chemical Company for transportation information.

REGULATORY INFORMATION

European information:

Irritant, R 36/37/38

Irritating to eyes, respiratory system, and skin.

S 26

In case of contact with eyes, rinse immediately with plenty of water, and seek medical attention.

S 36

Wear suitable protective clothing.

Reviews, standards, and Regulations:

OEL=MAK

NOEs 1983: Hazard X4335;NIS 3; TNF 178; NOS 5; TNE 3253; TFE 2222 EPA TSCA Section 8(B) Chemical Inventory.

OTHER INFORMATION

The above information is believed to be correct but does not purport to be all- inclusive and shall be used only as a guide. Sigma, Aldrich, Fluka shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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