

MATERIAL SAFETY DATA SHEET

Skin: Wash with soap and plenty of water.

Ingestion: Rinse mouth with water thoroughly. Do not induce vomiting. If you feel unwell, seek medical advice.

Section 5. Fire Fighting Measures

Flash Point (°F/°C): 69.8°F (21°C)

Flammable Limit (vol%): Low: 2.5
High: 13.0

Auto-ignition Temp. (vol%): >435°C (815°F)

Extinguisher Media: CO₂, dry powder, foam or watermist

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Use water spray to keep fire-exposed containers cool.

Unusual Fire and Explosion Hazards: Material is flammable. Vapors may travel considerable distance to a source of ignition and flash back. Keep away from heat, sparks, and flame. Keep container closed. Use with adequate ventilation.

Section 6. Accidental Release Measures

Spill or Release Procedures: Stay upwind and away from spill. Keep all sources of ignition and hot metal surfaces away from spill. Keep out of drains, sewers, or waterways. Use sand or other inert material to dam and contain spill. Do not flush with water; use absorbent pads. For large spills call response team and notify appropriate state/local agencies.

Section 7. Handling and Storage

Handling & Storing: In accordance with good industrial practice avoid unnecessary personal contact. Wash face and hands before eating, drinking, or smoking. Store in original container, away from excessive heat and keep in a dry area.

Section 8. Exposure Controls / Personal Protective Equipment

General protective and hygiene measures: Fresh Air, cosmetic hygiene measures.

Ventilation: The ventilation system should be designed to be able to maintain airborne concentrations below the established exposure limits. If the current ventilation is not adequate to maintain this level, additional ventilation or exhaust systems may be required. Use explosion proof equipment.

Protective Gloves: The use of gloves impermeable to the specific material is advised to prevent skin contact and possible irritation.

MATERIAL SAFETY DATA SHEET

Eye Protection: Safety glasses with side shields (or goggles) are recommended for any type of industrial chemical handling.

Respiratory Protection: When vapor concentration exceed the established exposure limits respiratory protection is necessary. Depending on the airbourne concentration, use a respirator or a gas mask with appropriate cartridges and canisters (NIOSH approved organic vapor) or supplied air equipment.

Other Protective Clothing or Equipment: The use of gloves impermeable to the specific material is advised to prevent skin contact and possible irritation. Use splash goggles (NIOSH approved) to safeguard against potential eye contact, irritation or injury.

Preventative Measures: Keep containers and storage containers closed when not in use. Do not store near heat, sparks, flame, or strong oxidents.

Section 9. Physical and Chemical Properties

Appearance @ 25°C: Colorless liquid

Viscosity (RVT): Not available

Odor @ 25°C: Organic odor

Vapor Pressure: < 815 mbar (50°C)

pH: Not applicable

Density: 0.8 - 1.0 g/cm²

Ignition: Not applicable

Melting Point: Not applicable

Boiling Range: > 56°C (132.8°F)

Solubility in Water: Miscible

Section 10. Stability and Reactivity

Stability: Stable

Hazardous Decomposition or By products:

In case of fire releases of CO₂ and CO because of thermal decomposition.

Incompatibility (Materials to Avoid):

This product is incompatible with strong acids or bases and oxidizers.

Hazardous Polymerization:

Will not occur

Conditions to Avoid: Oxidizing and reducing agents, heat, fire, any sources of ignition

Section 11. Toxicological Information

MATERIAL SAFETY DATA SHEET

LD50> 2000 mg/kg (calc.)

Special health risks: Irritating to respiratory system. Vapor may cause drowsiness and dizziness.

Primary irritant: Skin: Irritating to skin; Eye: Irritating to eye

Section 12. Ecological Information

Ecological Information:

No data

Chemical Fate Information:

No data

Section 13. Disposable Considerations

Dispose of product in accordance with local, county, state, and federal regulations.

Section 14. Transportation Information

Bulk Quantity:

<DOT Information>

Proper Shipping Name (49CFR 172.101): Flammable Liquid, n.o.s. (Acetone)

Hazard Class: 3

UN/NA: UN1993

Packing Group: II

Section 15. Regulatory Information

Data Available Upon Request.

Section 16. Other Information

No additional information available.