

Section 4 - First Aid Measures

ORAL EXPOSURE	If swallowed, wash out mouth with water provided person is conscious. Call a physician.
INHALATION EXPOSURE	If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
DERMAL EXPOSURE	In case of contact, immediately wash skin with soap and copious amounts of water.
EYE EXPOSURE	In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

Section 5 - Fire Fighting Measures

FLASH POINT	N/A
AUTOIGNITION TEMP	N/A
FLAMMABILITY	N/A
EXTINGUISHING MEDIA	Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.
FIREFIGHTING	Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Specific Hazard(s)	Emits toxic fumes under fire conditions.
EXPOSURE HAZARD(S)	Material: Irritant.

Section 6 - Accidental Release Measures

PROCEDURE(S) OF PERSONAL PRECAUTION(S)	Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.
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Section 7 - Handling and Storage

HANDLING	User Exposure: Do not breathe dust. Avoid contact with eyes, skin, and clothing.
STORAGE	Suitable: Keep tightly closed. Store in a cool dry place. Store at -20°C

Section 8 - Exposure Controls / PPE

ENGINEERING CONTROLS	Safety shower and eye bath. Mechanical exhaust required.
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PERSONAL PROTECTIVE EQUIPMENT	Respiratory: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator.
Hand	Compatible chemical-resistant gloves.
Eye	Chemical safety goggles.
GENERAL HYGIENE MEASURES	Wash thoroughly after handling. Wash contaminated clothing before reuse.

Section 9 - Physical/Chemical Properties

Appearance Property	Physical State: Solid Value	At Temperature or Pressure
Molecular Weight	336.3 AMU	
pH	N/A	
BP/BP Range	N/A	
MP/MP Range	N/A	
Freezing Point	N/A	
Vapor Pressure	N/A	
Vapor Density	N/A	
Saturated Vapor Conc.	N/A	
SG/Density	N/A	
Bulk Density	N/A	
Odor Threshold	N/A	
Volatile%	N/A	
VOC Content	N/A	
Water Content	N/A	
Solvent Content	N/A	
Evaporation Rate	N/A	
Viscosity	N/A	
Surface Tension	N/A	
Partition Coefficient	N/A	
Decomposition Temp.	N/A	
Flash Point	N/A	
Explosion Limits	N/A	
Flammability	N/A	
Autoignition Temp	N/A	
Refractive Index	/A	
Optical Rotation	N/A	
Miscellaneous Data	N/A	
Solubility	N/A	

Section 10 - Stability and Reactivity

STABILITY Materials to Avoid: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, Nitrogen oxides, Sulfur oxides.

Section 11 - Toxicological Information

ROUTE OF EXPOSURE Inhalation: Material is irritating to mucous membranes and upper respiratory tract.

Multiple Routes: May be harmful by inhalation, ingestion, or skin absorption. Causes eye and skin irritation.

SENSITIZATION Sensitization: Causes dermatitis.

TARGET ORGAN(S) OR SYSTEM(S) Kidneys. Liver. Blood. Smooth muscle.

SIGNS AND SYMPTOMS OF EXPOSURE To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12 - Ecological Information

No data available.

Section 13 - Disposal Considerations

APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION	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.
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Section 14 - Transport Information

DOT
Proper Shipping Name: None
Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA
Non-Hazardous for Air Transport Non-hazardous for air transport

Section 15 - Regulatory Information

EU ADDITIONAL
CLASSIFICATION

Symbol of Danger	Xi
Indication of Danger	Irritant.
R	36/37/38
Risk Statements	Irritating to eyes, respiratory system and skin.
S	26-36
Safety Statements	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.

US CLASSIFICATION AND
LABEL TEXT

Indication of Danger	Irritant.
Risk Statements	Irritating to eyes, respiratory system and skin.
Safety Statements	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.
US Statements	Target organ(s): Blood. Smooth muscle.

UNITED STATES
REGULATORY INFORMATION

SARA LISTED No

CANADA REGULATORY
INFORMATION

WHMIS Classification This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

DSL No

NDSL No

Section 16 - Other Information

DISCLAIMER

For R&D use only. Not for drug, household or other uses.

* OSHA Compliance

WPI Inc. withholds the right to limit disclosure of concentrations and/or ingredients within the domain of "trade secrets" described in Hazard Communication - 1910.1200 (Standards - 29 CFR). WPI Inc. will also comply to all situations requiring the release of sensitive information stated in those regulations such as a case of emergency.

WARRANTY

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