



Material Safety Data Sheet

Fire and Explosion Hazard Data

Flash Point: NA Autoignition Temperature: NA

Flammable limits in air : The product is nonflammable

Extinguishing Media : Not Applicable

Special Fire Fighting Procedures: The material is not combustible and will not burn.

However, use standard chemical fire fighting procedures and treat cylinder as a Nonflammable

Compressed Gas Cylinder with the hazards of other involved materials. For fires in enclosed

areas Firefighters must use self-contained breathing apparatus. Prevent runoff from fire control

or dilution from entering streams or drinking water supply.

Unusual Fire and Explosion Hazards: Pressurized Nonflammable Compressed Gas Cylinder.

V. Reactivity Data

Stability:	Unstable	Stable	X	Conditions to avoid: Extreme Heat
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Incompatibility (Materials to avoid) : Acidic and Ammonium Compounds

Hazardous Decomposition or Byproducts : Reaction with Acids releases Carbon Dioxide Gas and with Ammonium Compounds releases Ammonia Gas

Hazardous Polymerization : May Occur	Will Not Occur	X
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Conditions to avoid: NOT APPLICABLE

VI. Health Hazards

Routes of Entry:	Inhalation:	Yes	Skin/Eyes:	Yes	Ingestion:	No
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Health Hazard (Acute and Chronic)

Breathing dust may irritate the nose and throat and cause coughing and chest discomfort. Dust may irritate the eyes. Prolonged contact can produce slight to severe skin irritation.

Carcinogenicity:	NPT:	No	IARC:	No	OSHA:	No
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This material is not considered to be a Carcinogen

Medical conditions generally aggravated by exposure:

Respiratory Disease including Asthma and Emphysema.

Skin sensitivity

Emergency and First Aid Procedures:

Eye Contact: Flush thoroughly with water for at least 15 minutes. Get medical assistance;

Skin Contact: Wash contact area with soap and water;

Inhalation: Remove from further exposure. If unconsciousness occurs, seek immediate medical assistance and call a Physician. If breathing has stopped, use mouth to mouth resuscitation;

Ingestion: Not expected to be a problem however, if greater than half liter (One Pint) ingested, immediately give 1 to 2 glasses of water and call Physician, Hospital Emergency Room or Poison

Control Center for assistance. Do not induce vomiting or give anything by mouth to an unconscious person;

Notes to Physician: Symptomatic treatment only.



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VII. Precautions For Safe Handling And Use

Steps to be taken in case Material is released or spilled:

Wear protective equipment including rubber boots rubber gloves, rubber apron and full-face piece or a half mask Air - Purifying Cartridge Respirator with particulate filters. Wear chemical goggles if a Half Mask is worn. Caution: When handling Fire Extinguisher which has accidentally discharged show care when handling and point extinguisher discharge nozzle away from the face area. For small spills sweep - up and dispose of in a DOT- Approved Waste Container. For large spills Shovel into DOT - Approved Waste Containers. Keep out of sewers, storm drains surface waters and soil. Comply with all applicable Government Regulations on spill reporting handling and disposal of waste.

Waste Disposal Method:

Dispose of Contaminated product and materials used in clean-up of spills or leaks in a manner approved for this material. Consult appropriate Federal State, and Local Regulatory Agencies to ascertain proper disposal procedures. Note: Empty Containers can have residues, gases, and mist and are subject to proper waste disposal, as above.

Precautions To Be Taken Handling and Storing:

Store in a cool, dry, well -ventilated place away from acidic and ammonium compounds. Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing. Do not cut, grind, weld, or drill on or near product containers. Containers, even those that have been emptied, will retain residue and vapors. Always obey hazard warnings and handle empty containers as if they were full.

Other Precautions:

Report spills as required to appropriate authorities. U.S. Coast Guard Regulations require immediate reporting of spills that could reach any Waterway including intermittent dry creeks. Report spills to Coast Guard telephone number (800) 424 - 8802. In case of accident or road spill notify Chemtrec telephone number (800) 424-9300.

VIII. Control Measures

Respiratory Protection:

Use dust respirator approved by NIOSH/MSHA schedule TC-84A for dusty conditions or if dust levels exceed established standards. No special requirements under ordinary conditions of use and with adequate ventilation.

Ventilation: Use in a well ventilated area.

Protective Equipment: Chemical type goggles, or Safety Glasses should be worn.

Work/Hygiene Practices: No special equipment required. However, good personal hygiene practices should always be followed.



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DOT Shipping Name: Fire Extinguishers
DOT Hazard Class: 2.2 (Nonflammable Compressed Gas)
DOT I.D. Number : UN1044
Packing Group: N/A

U.S. OSHA Hazard Communication Standard: Product assessed in accordance with OSHA 20 CFR 1910.1200 and is determined hazardous due to cylinder being a pressurized vessel.

RCRA Information: The unused product, in our opinion is not specifically listed by the EPA as hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity, or reactivity, and is not formulated with contaminants as determined by the toxicity characteristics leaching procedure (TCLP) however, used product may be regulated.

U.S. Superfund Amendments and Reauthorization Act (SARA) Title III:
This product contains no "Extremely Hazardous Substances"
SARA (311/312, formerly 302) Reportable Hazard Categories: None
SARA (313) Toxic Release Program: No reportable chemicals.

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Powder Product Data Supplied From MSDS by:
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