

5. Fire-fighting Measures

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Flammable properties	Dusts may form an explosive mixture with air.
Hazardous combustion products	Carbon monoxide, carbon dioxide, various hydrocarbon fragments as well as thick smoke.
Extinguishing media	
Suitable extinguishing media	Dry chemical, foam, carbon dioxide
Unsuitable extinguishing media	Water may create a slip hazard with product.
Protection of firefighters:	
Protective equipment for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus.

6. Accidental Release Measures

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Personal precautions	Wear appropriate protective equipment and clothing during clean-up.
Evacuation procedures	Keep unnecessary personnel away.
Environmental precautions	Prevent further leakage or spillage if safe to do so.
Methods for containment	Stop the flow of material, if this is without risk.
methods for cleaning up	Product becomes slippery and difficult to handle when wet; spills are best handled while still dry. Sweep up and sweep up material and place in a disposal container. Avoid dust formation.

7. Handling and Storage

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Handling	Do not get this material in your eyes, on your skin or clothing. Avoid contact with product from heat, sparks, or open flame. Wash hands thoroughly after handling.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated area.

8. Exposure controls and personal protection

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Occupational exposure standards	
Personal exposure limit	STARCH: LT OES=10 mg/m ³
Engineering controls	Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

Personal protective equipment	
Eye / face protection	Wear dust goggles.
Skin protection	Use of protective coveralls and long sleeves is recommended. Use of impervious boots is recommended.
Hand protection	Rubber or plastic gloves.
Respiratory protection	Dust safety masks are recommended when the dust concentration is more than 10 mg/m ³ .
General hygiene considerations	Wash hands before breaks and immediately after handling the product.

9. Physical and chemical properties

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Appearance / Color / Form		Powder. Off-white. Solid.
Odor	Slight.	
Clarity	Not available	
Odor threshold	Not available	
Physical state	Solid	
pH	6 - 8 (10% soln.)	
Melting point	Not available.	
Freezing point	Decomposes.	
Boiling point	Not available.	
Flash point	Not available.	
Evaporation rate	Not applicable.	
Flammability limits in air, lower, % by volume	Not applicable.	
Flammability limits in air, upper, % by volume	Not available.	
Vapor pressure	Not available.	
Vapor density	Not available.	
Specific gravity	Not available.	
Relative density	500 - 700 kg/m ³ @ 20 Deg C	
Solubility	Soluble in water.	
Octanol/H ₂ O coeff	Not available	
Auto-ignition temperature	Not available	
Decomposition temperature	Not available	
Percent volatile		