

Explosion Limits Upper No data available **Lower** No data available
Extinguishing Media: Use any means suitable for extinguishing surrounding fire.
Unsuitable Extinguishing Media: No information available
Fire & Explosion Hazards: Not considered to be a fire or explosion hazard.
Fire Fighting Instructions / Equipment: Use normal procedures. Use protective clothing. Use NIOSH-approved breathing equipment.
Hazardous Combustion Products: No information Available
Sensitivity to mechanical impact No information available.
Sensitivity to static discharge No information available.
Specific Hazards Arising from the Chemical: Thermal decomposition can lead to release of irritating gases and vapors.
NFPA Rating: (estimated) Health: 2; Flammable: 0; Reactivity: 1

Section 6 – Accidental Release Measures

Personal Precautions Use proper personal protective equipment. Avoid contact with skin, eyes and clothing. Avoid dust formation.
Environmental Precautions Should not be released into environment
Methods for Containment and Clean Up Absorb and containerize for disposal. Avoid generating dust. Always obey local regulations.

Section 7 – Handling and Storage

Handling: Wash hands after handling. Avoid contact with skin and eyes. Do not breathe dust.
Storage: Protect from freezing and physical damage.

Section 8 – Exposure Controls, Personal Protection

Sodium Carbonate, CAS# 497-19-8, ACGIH TLV: NA, OSHA PEL: NA
Engineering Measures/ General Hygiene: Normal ventilation is adequate. Ensure eyewash and safety showers are available.
Personal Protection Equipment: Skin Protection: Chemical resistant gloves.
Eye/Face Protection: Safety Glasses or goggles. **Respiratory Protection:** Normal ventilation is adequate.

Section 9 – Physical and Chemical Properties

Appearance/Physical State: White solid	
Odor: Odorless	% Volatility: No Information Available
Boiling Point: 1600°C / 2912°F@ 760 mmHg	Specific Gravity: 2.53
Melting Point: 851°C / 1563.8°F	Vapor Pressure: No information available
Vapor Density: Not available	Flash Point: Not Applicable
Evaporation Rate: Not available	Coefficient of water/oil distribution: Not Available
pH: Not available	Odor Threshold: Not Available
Flammability: No Information Available	Decomposition Temperature: Not available
Solubility: Partly soluble in water available	Partition Coefficient n-octanol/water: No data
Relative Density: No Information Available	Molecular Weight: 105.99

Section 10 – Stability and Reactivity

Chemical Stability: Hygroscopic.
Conditions to Avoid: Incompatible materials, exposure to moisture, excess heat, dust formation
Incompatible Materials: Strong oxidizers, strong acids, fluorine
Hazardous Decomposition Products: Oxides of sodium, carbon monoxide, carbon dioxide
Hazardous Polymerization: Does not occur
Hazardous Reactions: None under normal processing.

Section 11 – Toxicological Information

Routes of Exposure/Symptoms/Corrosiveness – See Section 2

LD50 orl-rat: 4090mg/kg

LC50 inhalation-rat: NA

Irritation: No Information Available

Toxicologically Synergistic: No Information Available

Chronic Exposure

Carcinogenicity There are no known carcinogenic chemicals in this product

Sensitization No information available.

Mutagenic Effects No information available.

Reproductive Effects No Information available.

Developmental Effects (Immediate/Delayed) No information available.

Teratogenicity No information available.

Other Adverse Effects No information available.

Endocrine Disruptor Information No information available

Section 12 – Ecological Information

Ecotoxicity: Should not be released into environment

Persistence and Degradability: No Information Available

Mobility: No information available

Bioaccumulation/ Accumulation: No Information Available

Section 13 – Disposal Considerations

Waste Disposal/Waste Disposal of Packaging: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

Section 14 – Transport Information

DOT – Not Regulated

Section 15 – Regulatory Information (not meant to be all inclusive)

OSHA Status: Not applicable

Canada DSL: These components are on Canada's DSL list.

TSCA: The components are listed on the TSCA Inventory

SARA Title III Section 313: Not Applicable

RCRA Status: Not Applicable

CERCLA Reportable Quantity: Not Applicable

WHMIS: D2B

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.

Section 16 – Additional Information

Disclaimer: The information on this MSDS applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to determine the suitability and completeness of this information for his own particular use. No warranty is implied regarding the accuracy of the data or the results to be obtained from the products use.