



SAFETY DATA SHEET (SDS)

1. PRODUCT AND COMPANY IDENTIFICATION



CHRONIC EFFECTS:

7. HANDLING AND STORAGE

- Handling:** Transport in original container in accordance with good industrial hygiene and safety practice. Use PPE in accordance with Section 8 of this SDS while handling. It is generally recommended to avoid inhalation and contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, keep tightly closed when not in use.
- Storage:** Store protected from direct sunlight and away from other chemicals in a dry, cool, well-ventilated area, away from incompatible materials. Keep away from food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.
- Other Precautions:** None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Component	OSHA Permissible Exposure Limits (PELs)	American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Values (TLVs)	NIOSH Recommended Exposure Limits (RELs)
Sodium Bicarbonate	Total dust 15 mg/m ³ (8-hour TWA) (5 mg/m ³ respirable fraction) as Particulate Not Otherwise Regulated (PNOR)	Not established	Not established

- Engineering Controls:** Normal building ventilation.
- Eye/Face Protection:** Safety glasses or goggles. Contact lenses should not be worn when working with this material. Maintain eye wash station in area.
- Skin Protection:** Not required under normal use conditions. Wear suitable clothing to prevent repeated or prolonged skin contact under non-standard use conditions.
- Respiratory Protection:** Not normally required.
- General Hygiene Considerations:** Wash hands thoroughly after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value	Property	Value
<i>Appearance:</i>	White powder	<i>Initial Boiling Point (F):</i>	Not established
<i>Odor:</i>	Odorless	<i>Boiling Range (F):</i>	Not established
<i>Odor Threshold:</i>	Not established	<i>Melting point:</i>	50 °C
<i>Molecular Weight:</i>	84.01	<i>Specific gravity (g/cc):</i>	2.20
<i>Physical State:</i>	Powder	<i>Viscosity (cps):</i>	Not established
<i>pH:</i>	Not applicable	<i>Flash Point:</i>	Not combustible
<i>Vapor Pressure (mm Hg):</i>	Not established	<i>Decomposition Temperature:</i>	Not established
<i>Solubility in Water (25 C):</i>	Completely	<i>Flammability:</i>	Not flammable
<i>Volatiles, Percent by volume:</i>	Not established	<i>Upper/Lower Flammability Limits:</i>	Not established
<i>Vapor Density (air = 1):</i>	Not established	<i>Auto-ignition Temperature:</i>	Not established
<i>Evaporation Rate:</i>	Not established	<i>Octanol/water partition coefficient:</i>	Not established



10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Reactivity:	Not reactive under normal conditions.
Conditions to Avoid:	Contact with acids. Reacts with acid to form salts, water and carbon dioxide gas.
Materials to Avoid:	Strong oxidants.



12. ECOLOGICAL INFORMATION

Not mandatory

13. DISPOSAL CONSIDERATIONS