

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-497/497-19-8.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
497-19-8  
**Code:**  
M

**RTECS:**  
VZ405000  
**Code:**  
M

**Name:**  
SODIUM CARBONATE

**Other REC Limits:**  
N/K

**OSHA PEL:**  
N/K  
**Code:**  
M

**OSHA STEL:**  
**Code:**

**ACGIH TLV:**  
N/K  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST (MIST , IF THERE IS NO VENTILATION.

**Ventilation:**  
NORMAL ROOM VENTILATION.

**Protective Gloves:**  
AS REQUIRED

**Eye Protection:**  
SAFETY GLASSES

**Other Protective Equipment:**  
Equipment AS REQUIRED

**Work Hygienic Practices:**  
AVOID CONTACT WITH SKIN AND EYES;DO NOT TAKE INTERNALLY OR BREATHE DUST.

**Supplemental Safety and Health:**  
MSDS RECEIVED BY THE DGSC-SLM:JAN08,1988

## Health Hazards Data

**LD50LC50Mixture:**  
N/K

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
N/P

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
N/P

**IARC:**  
N/P

**OSHA:**  
N/P

**Health Hazards Acute And Chronic:**  
ACUTE:CAUSES BURNS OF EYES AND SKIN;INGESTION OF POWDER IS HARMFUL OR FATAL CHRONIC:NO DATA AVAILABLE.

**Explanation Of Carcinogenicity:**  
N/K

**Signs And Symptions Of Overexposure:**  
4 N/P

**Medical Cond Aggravated By Exposure:**  
PRE-EXISTING CONDITIONS MAY BE WORSEN

**First Aid:**  
EYES:FLUSH WITH WATER FOR 15 MINS.HOLDING EYELID OPEN;INGESTION:DRINK MILK,RAW EGG WHITE,OR LARGE QUANTITIES OF WATER.AVOID ALCOHOL.CONSULT PLHYSICIAN AS SOON AS POSSIBLE.

**Spill Release Procedures:**  
SWEEP UP.WASH RESIDUE DOWN WITH COPIOUS AMOUNTS OF WATER.

**Neutralizing Agent:**  
N/P

**Waste Disposal Methods:**  
DISPOSE OF WITH ORDINARY TRASH. REMOVE TO SANITARY LANDFILL.

**Handling And Storage Precautions:**  
N/A

**Other Precautions:**  
N/A

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
N/R

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/R

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
NONE NOTED;USE SUITABLE MEDIA FOR SURROUNDING FIRE. 5

**Fire Fighting Procedures:**  
NONE NOTED;USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED AREA IN CASE OF FIRES.

**Unusual Fire/Explosion Hazard:**  
NONE

## Physical/Chemical Properties

**HCC:**  
N1

**NRC/State LIC No:**  
N/R

**Net Prop WT For Ammo:**  
6

**Boiling Point:**

**B.P. Text:**  
N/A

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
N/K

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/R

**Vapor Density:**  
N/R

**Volatile Org Content %:**

**Spec Gravity:**  
N/K

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
N/K

**Solubility in Water:**  
COMPLETE

**Appearance and Odor:**  
WHITE,FREE-FLOWING GRANULAR SOLID

**Percent Volatiles by Volume:**  
N/K

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
N/P

**Materials To Avoid:**  
OXIDIZING AGENTS

**Hazardous Decomposition Products:**  
NONE

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/P

## Toxicological Information

**Information:**N/P

## MSDS Transport Information

**Information:**N/P

## Regulatory Information

**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

**Other Information:**N/P

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