

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-445/4452-58-8.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
4452-58-8  
**Code:**  
M

**RTECS:**  
WD3490000  
**Code:**  
M

**Name:**  
SODIUM PERCARBONATE

**Other REC Limits:**  
N/K

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

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

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

**ACGIHSTEL:**  
EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem  
**Code:**  
1 ACGIH STEL:

## Control Measures

**Respiratory Protection:**  
WEAR A DUST MASK

**Ventilation:**  
LOCAL EXHAUST

**Protective Gloves:**  
RUBBER

**Eye Protection:**  
SAFETY GLASSES

**Other Protective Equipment:**  
Equipment 3 EYE WASH, SAFETY SHOWER

**Work Hygienic Practices:**  
N/K

**Supplemental Safety and Health:**  
N/K

## Health Hazards Data

**LD50LC50Mixture:**  
N/K

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

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
EYES/SKIN: IRRITATION. INHALATION: DUST MAY CAUSE MUCOUS MEMBRANES & RESPIRATORY SYSTEM IRRITATION.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
EYES/SKIN: IRRITATION. INHALATION: DUST MAY CAUSE MUCOUS MEMBRANES & RESPIRATORY SYSTEM IRRITATION.

**Medical Cond Aggravated By Exposure:**  
N/K

**First Aid:**  
EYES: FLUSH W/WATER. SKIN: WASH W/SOAP & WATER. INGESTION: OBTAIN MEDICAL ATTENTION IN ALL CASES. 2

**Spill Release Procedures:**  
SWEEP UP IN CLEAN DRY PLASTIC BAGS. FLUSH SMALL AMOUNTS TO DRAIN W/WATER.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
DISPOSE IN AN APPROVED WASTE FACILITY BY AN AUTHORIZED CONTRACTOR IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

**Handling And Storage Precautions:**  
STORE IN A COOL, DRY, VENTILATED AREA IN THE ORIGINAL CONTAINER.

**Other Precautions:**  
N/K

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
N/R

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
WATER

**Fire Fighting Procedures:**  
N/K

**Unusual Fire/Explosion Hazard:**  
OXYGEN EVOLUTION AS A RESULT OF DECOMPOSITION. DAMP PRODUCT IN CONTACT W/PAPER, WOOD, CLOTH MAY CAUSE SPONTANEOUS COMBUSTION.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

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

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/R

**Vapor Density:**  
N/R

**Volatile Org Content %:**

**Spec Gravity:**  
1.05-1.2

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

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

**Solubility in Water:**  
140 G/LITER

**Appearance and Odor:**  
WHITE, FREE FLOWING POWDER, ODORLESS.

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

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
EXCESS HEAT &MOISTURE.

**Materials To Avoid:**  
REDUCING AGENTS, METALLIC IONS &ACIDS.

**Hazardous Decomposition Products:**  
OXYGEN

**Hazardous Polymerization Indicator:**  
NO

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

## 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