## MATERIAL SAFETY DATA SHEET For R&D use only. Not for drug, household or other uses.

Click <a href="http://www.lookchem.com/cas-144/144-55-8.html">http://www.lookchem.com/cas-144/144-55-8.html</a> for suppliers of this product.

Composition/Information on Ingredient Cas: 144-55-8 Code:

Μ

**Other REC Limits:** 

**RTECS:** VZ0950000 Code: Μ Name:

NΡ

**OSHA PEL:** NK Code: Μ **OSHA STEL:** Code:

SODIUM BICARBONATE

**ACGIH TLV:** ΝK Code: Μ **ACGIHSTEL:** 

NOT NORMALLY REQUIRED. IF TLV IS EXCEEDED, OR FOR SYMPTOMS OF OVEREXPOSURE, WEAR A NIOSH-

LOCAL EXHAUST MAY BE NECESSARY UNDER SOME HANDLING/USE CONDITIONS. CONTACT SUPERVISOR OR

THIS IS PART "B" OF A KIT. THIS IS NEW FORMULATION. FOR OLD FORMULATION SEE P/N IND B.

ACUTE: EYE; IRRITATING, MAY CAUSE DAMAGE; SKIN: DRYING, IRRITATION, DERMATITIS; INHALATION: MAY CAUSE RESPIRATORY

EYE CONTACT: IRRITATING, MAY CAUSE DAMAGE; SKIN CONTACT: DRYING, IRRITATION, DERMATITIS; INHALATION: MAY CAUSE

INHALE: REMOVE TO FRESH AIR, GIVE CPR/O\*2 IF NEED; EYES/SKIN: FLUSH W LG AMTS H\*20 FOR 15 MIN; INGEST: RINSE MOUTH; GET MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER SYMPTOMS OF OVEREXPOSURE.I F INGESTED, CONTACT LOCAL

WEAR PERSONAL PROTECTIVE EQUIPMENT (GOGGLES, RESP, GLOVES). CAREFULLY, CLEAN UP SPILLED MATERIAL AND PLACE IN DRY

STORE IN COOL, DRY WELL VENTED LOW FIRE RISK AREA. PROTECT FROM HEAT, SHOCK, FRICTION. KEEP CONTAINERS CLOSED.

4 KEEP IN COVERED DRUMS, PENDING DISPOSAL. HANDLE & DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE

Code:

**Control Measures** 

HEALTH/SAFETY PERSONNEL.

**Other Protective Equipment:** 

**Supplemental Safety and Health:** 

Health Hazards Data

**Route Of Entry Inds - Inhalation:** 

**Carcinogenicity Inds - NTP:** 

**Health Hazards Acute And Chronic:** 

**Explanation Of Carcinogenicity:** 

RESPIRATORY IRRITATION.

**Spill Release Procedures:** 

**Waste Disposal Methods:** 

**Handling And Storage Precautions:** 

**Neutralizing Agent:** 

**Other Precautions:** 

Flash Point Method:

**Signs And Symptions Of Overexposure:** 

**Medical Cond Aggravated By Exposure:** 

POISON CONTROLCENTER OR PHYSICIAN IMMEDIATELY.

CONTAINERS FOR DISPOSAL. AVOID DUST GENERATION.

INTERNATIONAL, FEDERAL, STATE, & LOCAL REGULATIONS.

Fire and Explosion Hazard Information

EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE

Physical/Chemical Properties

**Work Hygienic Practices:** STANDARD PRACTICE

APPROVED DUST/MIST RESPIRATOR.

5 WEAR GLOVES IF SKIN CONTACT IS POSSIBLE

WEAR GOGGLES IF EYE CONTACT IS POSSIBLE

**Respiratory Protection:** 

**Ventilation:** 

**Protective Gloves:** 

**Eye Protection:** 

**Equipment NONE** 

LD50LC50Mixture:

N/K

Skin: NO

NO

**IARC:** NO

OSHA: NO

N/P

N/K

N/P

N/P

**NONE** 

N/K

N/R

N/R

**NONE** 

NONE

HCC: N1

NRC/State LIC No:

**Boiling Point:** 

Melt/Freeze Pt:

M.P/F.P Text:

**Decomp Temp:** 

**Decomp Text:** 

**Vapor Pres:** 

**Vapor Density:** 

**Spec Gravity:** 

**VOC Pounds/Gallon:** 

**VOC Grams/Liter:** 

**Solubility in Water:** 

**Appearance and Odor:** WHITE POWDER; ODORLESS 6

**Percent Volatiles by Volume:** 

Reactivity Data

**Stability Condition To Avoid:** 

**Hazardous Decomposition Products:** SO\*2,TRACES OF PHOSPHOROUS OXIDES.

**Hazardous Polymerization Indicator:** 

**Conditions To Avoid Polymerization:** 

**Toxicological Information** 

Regulatory Information

Sara Title III Information: N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

Other Information

www.lookchem.com

Other Information:N/P

**MSDS Transport Information** 

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

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any

guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from

handling or from contact with the above product. See reverse side of invoice or packing slip for additional

WARRANTY

terms and conditions of sale.

**APPRECIABLE** 

**Corrosion Rate:** 

**Stability Indicator:** 

**Materials To Avoid:** 

N/K

N/R

YES

**NONE** 

**ACIDS** 

N/P

N/P

Information:N/P

Information:N/P

**Evaporation Rate & Reference:** 

**Volatile Org Content %:** 

**B.P. Text:** 

N/R

N/K

N/K

N/R

2.13

PH: N/P

Viscosity: N/R

**Net Prop WT For Ammo:** 

**Lower Limits:** 

**Upper Limits:** 

**Extinguishing Media:** 

Fire Fighting Procedures:

**Unusual Fire/Explosion Hazard:** 

Flash Point:

**Flash Point Text:** 

**Autoignition Temp:** 

**Autoignition Temp Text:** 

First Aid:

IRRITATION.

Ingestion: