

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-144/144-02-5.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
144-02-5  
**Code:**  
M

**RTECS:**  
CQ3850000  
**Code:**  
M

**Name:**  
SODIUM BARBITAL

**Other REC Limits:**  
NONE SPECIFIED

**OSHA PEL:**  
NOT ESTABLISHED  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
NOT ESTABLISHED  
**Code:**  
M

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

## Control Measures

**Respiratory Protection:**  
SHOULD NOT BE REQUIRED IN NORMAL USE. IF UNUSUAL OR UPSET CONDITIONS REQUIRE THE USE OF RESPIRATORY PROTECTION A NIOSH/MSHA APPROVED HEPA-FILTERED CARTRIDGE OR RACAL RESPIRATOR SHOULD BE USED.

**Ventilation:**  
USE IN WELL VENTILATED AREA.

**Protective Gloves:**  
LATEX GLOVES.

**Eye Protection:**  
SAFETY GLASSES - CHEMICAL SPLASH GOGGLES

**Other Protective Equipment:**  
Equipment LATEX GLOVES OR OTHER APPROPRIATE SKIN PROTECTION IS RECOMMENDED TO PREVENT SKIN CONTACT. SAFETY SHOWER EYE BATH.

**Work Hygienic Practices:**  
WASH THOROUGHLY AFTER HANDLING.

**Supplemental Safety and Health:**  
N/P 4

## Health Hazards Data

**LD50LC50Mixture:**  
LD50 (ORAL RAT) IS UNKNOWN

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

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
ACUTE: INHALATION-MAY CAUSE IRRITATION TO NOSE, THROAT & RESPIRATORY TRACT. SKIN-MAY CAUSE IRRITATION. EYE-MAY CAUSE IRRITATION. INGESTION-MAY BE HARMFUL IF SWALLOWED. CHRONIC: MAY CAUSE SEDATION, HYP NOSIS, COMA DEPENDING UPON AMOUNT INGESTED.

**Explanation Of Carcinogenicity:**  
SODIUM BARBITAL IS NOT LISTED AS A CARCINOGEN BY NTP, IARC, OSHA OR ANY OTHER AUTHORITATIVE BODY. 2

**Signs And Symptions Of Overexposure:**  
NONE SPECIFIED BY MANUFACTURER.

**Medical Cond Aggravated By Exposure:**  
SKIN ALLERGIES MAY BE AGGRAVATED.

**First Aid:**  
INHALATION-REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SKIN-FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MIN. WASH CONTAMINATED CLOTH ES. EYE-FLUSH EYE THOROUGHLY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. INGESTION-CALL LOCAL POISION CONTROL FOR ASSISTANCE.

**Spill Release Procedures:**  
WEAR SELF-CONTAINED BREATHING APPARATUS, LAB COAT AND LATEX GLOVES. SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST. VENTILATE AREA AND WASH SITE AFTER PICK UP IS COMPLETE.

**Neutralizing Agent:**  
N/R

**Waste Disposal Methods:**  
DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL GUIDELINES/REGULATIONS.

**Handling And Storage Precautions:**  
STORE IN A COOL, DRY PLACE. KEEP TIGHTLY CLOSED.

**Other Precautions:**  
USE IN WELL VENTILATED AREA. AVOID CONTACT AND INHALATION. AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET IN EYES, ON SKIN, ON CLOTHING.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NOT COMBUSTIBLE

**Autoignition Temp:**

**Autoignition Temp Text:**  
NA 3

**Lower Limits:**  
NA

**Upper Limits:**  
NA

**Extinguishing Media:**  
USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE.

**Fire Fighting Procedures:**  
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN OR EYES.

**Unusual Fire/Explosion Hazard:**  
NONE SPECIFIED BY MANUFACTURER.

## Physical/Chemical Properties

**HCC:**  
N1

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

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
NA

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
NA

**Decomp Temp:**

**Decomp Text:**  
UNKNOWN

**Vapor Pres:**  
NA

**Vapor Density:**  
NA

**Volatile Org Content %:**

**Spec Gravity:**  
NA

**VOC Pounds/Gallon:**

**PH:** 8.0

**VOC Grams/Liter:**

**Viscosity:**  
NA

**Evaporation Rate & Reference:**  
NA

**Solubility in Water:**  
SOLUBLE IN WATER

**Appearance and Odor:**  
WHITE POWDER.

**Percent Volatiles by Volume:**  
NA

**Corrosion Rate:**  
UNKNOWN

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
MOISTURE - SENSITIVE.

**Materials To Avoid:**  
NONE SPECIFIED BY MANUFACTURER.

**Hazardous Decomposition Products:**  
NONE.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NOT APPLICABLE

## 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