

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-130/1304-29-6.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
1304-29-6  
**Code:**  
M  
**RTECS:**  
CR0175000  
**Code:**  
M  
**Name:**  
BARIUM PEROXIDE

**Other REC Limits:**  
NONE RECOMMENDED

**OSHA PEL:**  
5 MG BA/M3  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
2 MG BA/M3  
**Code:**  
M

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

## Control Measures

**Respiratory Protection:**  
NONE NEEDED IN NORMAL HANDLING. IF DUSTY SITUATIONS PREVAIL, WEAR NIOSH-APPROVED DUST RESPIRATOR OR MASK. 3

**Ventilation:**  
ADEQUATE

**Protective Gloves:**  
NONE NEEDED IN NORMAL HANDLING.

**Eye Protection:**  
NONE NEEDED IN NORMAL HANDLING.

**Other Protective Equipment:**  
Equipment EYE BATH, WASHING FACILITIES, SAFETY SHOWER

**Work Hygienic Practices:**  
GOOD PRACTICE REQUIRES THAT GROSS AMOUNT OF ANY CHEMICAL BE REMOVED FROM THE SKIN AS SOON AS PRACTICAL.

**Supplemental Safety and Health:**  
KEY1:D1. KIT (454013) CONSISTS OF 1 EA CANISTER ASSEMBLY; 40 EA TEAR-OFF CAPS; 1 EA STORAGE PLUG; 40 EA CANDLE ASSEMBLY; 5 EA PROTECTIVE HOUSING ASSEMBLY; MARKINGS.

## Health Hazards Data

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

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

**Skin:**  
NO

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
IF BROKEN OR IN FIRE: TARGET ORGANS: EYES, SKIN, GASTROINTESTINAL TRACT, BLOOD. ACUTE- TOXIC. INHALATION OF DUST MAY RESULT IN IRRITATION. EYE AND SKIN CONTACT MAY CAUSE IRRITATION. INGESTION MAY CAUS E ABDOMINAL PAIN, DIFFICULTY IN BREATHING, DIARRHEA. CHRONIC- UNKNOWN.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
IRRITATION, COUGH, TEARING, PAIN, SNEEZING, DIARRHEA, VOMITING

**Medical Cond Aggravated By Exposure:**  
2 UNKNOWN

**First Aid:**  
GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED: MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN: IMMEDIATELY WASH WITH PLENTY OF SOAP & WATER. ORAL: DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK TWO GLASSES OF WATER. GET MEDICAL ATTENTION IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

**Spill Release Procedures:**  
AVOID CONTACT WITH CHEMICALS. AVOID DUSTING CONDITIONS. SWEEP UP SMALL SPILLS AND DEPOSIT IN A CLEAN DISPOSAL CONTAINER. KEEP CONTAINER AWAY FROM COMBUSTIBLE MATERIAL. FOR MISFIRED UNUSED CANDLES,CONT AINER MUST NOT BE AIRTIGHT. KEEP TEMPERATURE <100F

**Neutralizing Agent:**  
NOT RELEVANT

**Waste Disposal Methods:**  
DISPOSE OF AS A HAZARDOUS WASTE IN ACCORANCE WITH, LOCAL, STATE AND FEDERAL REGULATIONS. IF AN UNUSED CANDLE IS TO BE DISPOSED, IT SHOULD BE FIRED FIRST.

**Handling And Storage Precautions:**  
STORE IN A COOL, DRY AREA, PROTECTED FROM CRUSHING OR IMPACT FORCES.

**Other Precautions:**  
CAUTION! DO NOT OPEN CANDLE ASSEMBLIES. CONTAIN HAZARDOUS CHEMICALS. IF EXPOSED, DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. KEEP OUT OF REACH OF CHILDREN. HEAT CAN BE GENERATED WHEN CANDLE IS FIRED.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NONE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/R

**Lower Limits:**  
NOT RELEVANT

**Upper Limits:**  
NOT RELEVANT

**Extinguishing Media:**  
WATER

**Fire Fighting Procedures:**  
USE STANDARD FIRE FIGHTING EQUIPMENT INCLUDING SELF-CONTAINED PRESSURE DEMAND BREATHING APARATUS WITH FULL FACEPIECE, IMPERVIOUS COVERING AND BOOTS.

**Unusual Fire/Explosion Hazard:**  
OXIDIZER. CANDLE CONTAINERS MAY RUPTURE. LIBERATED OXYGEN MAY INCREASE FLAMMABILITY OF COMBUSTIBLE SUBSTANCES.

## Physical/Chemical Properties

**HCC:**  
D1

**NRC/State LIC No:**  
NOT RELEVANT

**Net Prop WT For Ammo:**

**Boiling Point:**

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

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
UNKNOWN

**Vapor Pres:**  
N/R

**Vapor Density:**  
N/R

**Volatile Org Content %:**

**Spec Gravity:**  
2.2 (APPROX.)

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
NOT RELEVANT

**Evaporation Rate & Reference:**  
NOT APPLICABLE

**Solubility in Water:**  
PARTIAL

**Appearance and Odor:**  
LIGHT GREY SOLID MASS

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

**Corrosion Rate:**  
UNKNOWN

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
UNKNOWN

**Materials To Avoid:**  
UNKNOWN

**Hazardous Decomposition Products:**  
UNKNOWN

**Hazardous Polymerization Indicator:**  
N/P

**Conditions To Avoid Polymerization:**  
UNKNOWN 4

## 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

## WARRANTY

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 terms and conditions of sale.

LookChem™

Look for Chemicals

[www.lookchem.com](http://www.lookchem.com)

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