

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-686/68647-86-9.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
68647-86-9  
**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
CHARCOAL, ACTIVATED (COCONUT)

**Other REC Limits:**  
N/K

**OSHA PEL:**  
NOT APPLICABLE  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
NOT APPLICABLE  
**Code:**  
M

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

## Control Measures

**Respiratory Protection:**  
WEAR NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).

**Ventilation:**  
MATERIAL SHOULD BE HANDLED OR TRANSFERRED IN AN APPROVED FUME HOOD OR WITH ADEQUATE VENTILATION.

**Protective Gloves:**  
NEOPRENE, PVC OR EQUIVALENT GLOVES.

**Eye Protection:**  
ANSI APRV CHEMICAL WORKERS GOGGLES (FP N)

**Other Protective Equipment:**  
Equipment EYE WASH AND SAFETY EQUIPMENT SHOULD BE READILY AVAILABLE.

**Work Hygienic Practices:**  
WASH THOROUGHLY AFTER HANDLING. DO NOT TAKE INTERNALLY. 4

**Supplemental Safety and Health:**  
CONDITIONS TO AVOID: STRONG OXIDIZERS WHICH MAY RESULT IN FIRE. SPILL PROCEDURE: FOR PROPER DISPOSAL AS DESCRIBED. COMPLY WITH FEDERAL, STATE, AND LOCAL REGULATIONS ON REPORTING RELEASES. REFER TO REGULATORY INFORMATION FOR REPORTABLE QUANTITY AND OTHER REGULATORY DATA.

## Health Hazards Data

**LD50LC50Mixture:**  
NONE SPECIFIED BY MANUFACTURER.

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

**Skin:**  
NO

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
2 DUST INHALATION MAY IRRITATE NASAL AND RESPIRATORY PASSAGES. MAY CAUSE EYE IRRITATION ON CONTACT.

**Explanation Of Carcinogenicity:**  
NOT RELEVANT.

**Signs And Symptions Of Overexposure:**  
SEE HEALTH HAZARDS.

**Medical Cond Aggravated By Exposure:**  
NONE SPECIFIED BY MANUFACTURER.

**First Aid:**  
GET MEDICAL ASSISTANCE FOR ALL CASES OF OVEREXPOSURE. SKIN: WASH THORO WITH SOAP AND WATER. EYES: IMMEDIATELY FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. INHALATION: REMOVE TO FRESH AIR; GIVE ARTF RESP IF BREATHING HAS SPED. INGESTION: IF CONSCIOUS, DRINK WATER AND INDUCE VOMITING IMMEDIATELY AS DIRECTED BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

**Spill Release Procedures:**  
EVAC AREA OF ALL UNNEC PERS.WEAR SUITABLE PROT EQUIP LISTED UNDER PERS PROT.ELIM ANY IGNIT SOURCES UNTIL AREA IS DETERMINED TO BE FREE FROM EXPLO/FIRE HAZS. CONTAIN RELS & ELIM ITS SOURCE,IF THIS CAN BE DONE W/OUT RISK.TAKE UP & CONTAINERIZE (SUPDAT)

**Neutralizing Agent:**  
NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**  
DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS (FP N).

**Handling And Storage Precautions:**  
KEEP CONTAINER CLOSED AND AWAY FROM SPARKS, OPEN FLAME AND OXIDIZING AGENTS. AVOID WETTING AND SUBSEQUENT DRYING IN STORAGE.

**Other Precautions:**  
DO NOT BREATHE DUST. DO NOT GET IN EYES. AVOID PROLONGED OR REPEATED SKIN CONTACT.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
3 N/P

**Flash Point:**

**Flash Point Text:**  
NOT APPLICABLE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/A

**Upper Limits:**  
N/A

**Extinguishing Media:**  
WATER, FOAM.

**Fire Fighting Procedures:**  
WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).

**Unusual Fire/Explosion Hazard:**  
DANGER FROM SPONTANEOUS HEATING WHEN WET OR TIGHTLY PACKED MAY IGNITE ABOVE 300F IN AMBIENT CONDITIONS.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
8721F,4827C

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
6332F,3500C

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/A

**Vapor Density:**  
N/A

**Volatile Org Content %:**

**Spec Gravity:**  
2.3 (H\*20=1)

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
NOT APPLICABLE

**Solubility in Water:**  
INSOLUBLE

**Appearance and Odor:**  
BLACK, ODORLESS AMORPHOUS POWDER OR GRANULES

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

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
AVOID DUSTING (DISPERSION OF FINE PARTICLES IN AIR) AS DUST PARTICLES CAN FORM EXPLO MIX W/AIR; AVOID CONT W/ (SUPDAT)

**Materials To Avoid:**  
OXIDIZERS. 5

**Hazardous Decomposition Products:**  
OXIDES OF CARBON.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NOT RELEVANT.

## 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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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.

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