

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-218/218-01-9.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
218-01-9  
**Code:**  
M

**RTECS:**  
GC0700000  
**Code:**  
M

**Name:**  
CHRYSENE

**Other REC Limits:**  
N/K

**OSHA PEL:**  
0.2 PPM  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
A2 9394  
**Code:**  
M

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

## Control Measures

**Respiratory Protection:**  
USE MSHA/NIOSH APPROVED RESPIRATOR

**Ventilation:**  
GENERAL OR LOCAL EXHAUST TO KEEP

**Protective Gloves:**  
PERMEATION RESISTANT ELASTOMERIC

**Eye Protection:**  
CHEMICAL SPLASH GOGGLES

**Other Protective Equipment:**  
Equipment COVERALLS, LONG-SLEEVED SHIRT, LONG PANTS, ELASTOMERIC BOOTS OR OVERSHOE.

**Work Hygienic Practices:**  
WASH HANDS W/SOAP/WATER AFTER HANDLING &BEFORE EATING/SMOKING. SHOWER AT THE END OF WORK SHIFT.

**Supplemental Safety and Health:**  
BOILING RANGE: 302-999F . OBSERVE MSDS & LABEL PRECAUTION UNTIL CONTAINERS ARE RECONDITIONED.

## Health Hazards Data

**LD50LC50Mixture:**  
N/K

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

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
YES

**IARC:**  
YES

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
INHALATION: RESPIRATORY TRACT IRRITATION. EYES: IRRITATION, DAMAGE. SKIN: IRRITATION, DERMATITIS, ACNE, REACTION, BLISTER. INGESTION: GI IRRITATION, NAUSEA, VOMITING & FATAL. 6

**Explanation Of Carcinogenicity:**  
SILICA/COAL TAR/BENZO(A)PYRENE/LIGHTLY TREATD OR UNTREATED MINERAL OILS HAVE BEEN DETERMINED TO BE CARCINOGENS.

**Signs And Symptions Of Overexposure:**  
INHALATION: IT MAY CAUSE CANCER OF THE LUNG, KIDNEYS OR BLADDER. SKIN: PIGMENTATION, GROWTHS, CANCER. EYES: IRRITATION, DAMAGE. INGESTION: GI IRRITATION, NAUSEA, VOMITING & FATAL.

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

**First Aid:**  
INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICAL RESPIRATION IF BREATHING HAS SPED. ADMINISTER OXYGEN IF BREATHING IS DIFFICULT. EYES: FLUSH W/PLENTY OF WATER FOR 15 MINS. SKIN: CLEAN AREA W/CORN OI L/WATERLESS CLEANER, THEN FOLLOW W/SOAP& WATER. DON'T USE SOLVENTS TO CLEAN. USE HYPOCORTISONE CREAM FOR RELIEF. INGESTION: DON'T INDUCE VOMITING/GIVE ANYTHING BY MOUTH. OBTAIN MED ATTN IN ALL CASES.

**Spill Release Procedures:**  
VENTILATE AREA & CONTAIN BY DIKING W/SAND EARTH OR OTHER INERT MATERIAL TO PREVENT ENTRY INTO SEWERS OR OPEN BODIES OF WATER. TRANSFER SPILLAGE TO CONTAINERS SUITABLE FOR RECOVERY OR DISPOSAL.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
INCINERATE AT A PERMITTED FACILITY IN ACCORDANCE W/LOCAL, STATE & FEDERL REGULATIONS.

**Handling And Storage Precautions:**  
COAL TAR IS A PHOTOTOXIC SUBSTANCE. STORE CONTAINERS SEPERATE FROM OXIDIZERS & IN ACCORDANCE W/ANSI/NFPA 30.

**Other Precautions:**  
EMPTY CONTAINERS MAY CONTAIN HAZARDOUS LIQUID OR SOLID RESIDUES. DON'T FLAME-CUT/WELD/PUNCTURE. AVOID SKIN CONTACT . WASH CONTAMINATED CLOTHING BEFORE REUSE. DON'T WEAR CONTACT LENSES.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
180F

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
DRY CHEMICAL, FOAM, CO2, WATER FOG

**Fire Fighting Procedures:**  
WEAR MSHA/NIOSH APPROVED RESPIRATOR (PRESSURE DEMAND, SCBA) & FULL PROTECTIVE GEAR COOL EXPOSED CONTAINERS W/WOAP SPRAY.

**Unusual Fire/Explosion Hazard:**  
7 ELIMINATE IGNITION SOURCES IF HEATED >180F. IN CLOSED TANKS, WATER/FOAM MAY CAUSE FROTHING/ERUPTION. COMBUSTIBLE LIQUID. AUTOIGNITION TEM: >410F.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
SEE SUP

**Melt /Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
2

**Vapor Density:**  
1.0

**Volatile Org Content %:**

**Spec Gravity:**  
1-1.2

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

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

**Solubility in Water:**  
NEGILIGIBLE

**Appearance and Odor:**  
BLACK, SEMI-SOLID PASTE, HYDROCARBON ODOR

**Percent Volatiles by Volume:**  
25%

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES 8

**Stability Condition To Avoid:**  
N/K

**Materials To Avoid:**  
STRONG OXIDIZERS, LIQUID CHLORINE, SODIUM, POTASSIUM HYPOCHLORITE, NITRIC ACID, &PEROXIDES.

**Hazardous Decomposition Products:**  
OXIDES OF NITROGEN, CARBON, &SULFUR

**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

**WARRANTY**

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