

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-92/92-32-0.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
92-32-0  
**Code:**  
M

**RTECS:**  
BQ1450000  
**Code:**  
M

**Name:**  
PYRONINE G

**Other REC Limits:**  
N/K

**OSHA PEL:**  
N/K  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
N/K  
**Code:**  
M N/P

**ACGIHSTEL:**  
EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem  
**Code:**  
1 ACGIH STEL:

## Control Measures

**Respiratory Protection:**  
NIOSH APPROVED DUST/MIST RESPIRATOR. FOR EMERGENCIES WEAR SELF CONTAINED BREATHING APPARATUS

**Ventilation:**  
LOCAL EXHAUST

**Protective Gloves:**  
REQUIRED

**Eye Protection:**  
CHEMICAL SAFETY GOGGLES

**Other Protective Equipment:**  
Equipment EYE WASH FOUNTAIN, QUICK DRENCH FACILITY, PROTECTIVE CLOTHING

**Work Hygienic Practices:**  
CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING W/THIS CHEMICAL. REMOVE CONTAMINATED CLOTHING BEFORE REUSE.

**Supplemental Safety and Health:**  
N/K

## Health Hazards Data

**LD50LC50Mixture:**  
N/K

**Route Of Entry Inds - Inhalation:**  
NO

**Skin:**  
YES

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
INGESTION/INHALATION: SHOULD BE HANDLED AS POTENTIAL HEALTH HAZARD. EYES: IRRITATION. SKIN: IRRITATION, ABSORPTION. MAY BE HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
N/K

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

**First Aid:**  
INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NECESSARY. INGESTION: CALL PHYSICIAN IMMEDIATELY. SKIN: REMOVE CONTAMINATED CLOTHING. WASH W/SOAP/MILD DETERGENT & WATER FOR 15 MINUTES. EYES: FLUSH W/PLENTY OF WATER FOR 15 MINUTES. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
VENTILATE AREA. CLEAN UP IN A MANNER THAT DOES NOT DISPERSE DUST INTO AIR. USE NON-SPARKING TOOLS. PICK UP FOR RECOVERY OR DISPOSAL & PLACE IN A CLOSED CONTAINER.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
WHATEVER CANNOT BE SAVED FOR RECOVERY MAY BE BURNED IN AN APPROVED INCINERATOR OR DISPOSED IN AN APPROVED WASTE FACILITY. DISPOSE OF IN ACCORDANCE W/FEDERAL, STATE & LOCAL REGULATIONS.

**Handling And Storage Precautions:**  
KEEP IN TIGHTLY CLOSED CONTAINER, STORED IN A COOL, DRY VENTILATED AREA. PROTECT AGAINST PHYSICAL DAMAGE. ISOLATE FROM INCOMPATIBLE SUBSTANCES.

**Other Precautions:**  
N/K

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
N/K

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
WATER SPRAY, DRY CHEMICAL, ALCOHOL FOAM, CO2

**Fire Fighting Procedures:**  
WEAR FULL PROTECTIVE EQUIPMENT, SELF CONTAINED BREATHING APPARATUS W/FULL FACEPIECE OPERATED IN PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE.

**Unusual Fire/Explosion Hazard:**  
FINE DUST DISPERSED IN AIR IN THE PRESENCE OF IGNITION SOURCE IS DUST EXPLOSION HAZARD.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

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

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K 3

**Vapor Pres:**  
N/K

**Vapor Density:**  
N/K

**Volatile Org Content %:**

**Spec Gravity:**  
N/K

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

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

**Solubility in Water:**  
COMPLETE

**Appearance and Odor:**  
DARK GREEN CRYSTALS

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

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
HIGH HEAT

**Materials To Avoid:**  
STRONG OXIDIZERS

**Hazardous Decomposition Products:**  
OXIDES OF CARBON, HYDROGEN CHLORIDE GAS, NITROGEN OXIDES

**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