

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-168/1681-60-3.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
1681-60-3  
**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
ACID VIOLET 3 DYE

**Other REC Limits:**  
NONE RECOMMENDED

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

**OSHA STEL:**

**Code:**

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

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

## Control Measures

**Respiratory Protection:**  
NK

**Ventilation:**  
NK

**Protective Gloves:**  
RUBBER/NIOPRENE/INYL.

**Eye Protection:**  
SPLASH PROOF CHEM. SAFETY GOGGLES.

**Other Protective Equipment:**  
Equipment NK

**Work Hygienic Practices:**  
NK

**Supplemental Safety and Health:**  
FOR ADDITIONAL INFORMATION CONTACT GARY R. BRANT TECHNICAL DIRECTOR ICL DIVISION ROCHESTER MIDLAND 800-283-4248.

## Health Hazards Data

**LD50LC50Mixture:**  
NK

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

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
INCIDENTAL SKIN CONTACT IS NOT EXPECTED TO CAUSE ANY SIGNIFICANT IRRIT PROLONGED SKIN CONTACT OR EYE CONTACT MAY PRODUCE MILD IRRIT.

**Explanation Of Carcinogenicity:**  
NK

**Signs And Symptions Of Overexposure:**  
NK

**Medical Cond Aggravated By Exposure:**  
NK

**First Aid:**  
EYES: FLUSH W/CLEAR WATER FOR 15 MINUTES. SKIN:WASH W/SOAP & WATER. INGESTION:IF SWALLOWED, CONSULT A PHYSICIAN.

**Spill Release Procedures:**  
RECOVER LIQ WITH WET MOP OR WET/DRY VACUUM. FLUSH RESIDUE TO SANITARY SEWER W/WATER. USE CARE AS FLOOR MAY BECOME SLIPPERY.

**Neutralizing Agent:**  
NK

**Waste Disposal Methods:**  
NK

**Handling And Storage Precautions:**  
KEEP AWAY FROM CHILDREN. AVOID EYE & PROLONGED SKIN CONTACT.

**Other Precautions:**  
NK

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NONE

**Autoignition Temp:**

**Autoignition Temp Text:**  
NK

**Lower Limits:**  
NK

**Upper Limits:**  
NK 3

**Extinguishing Media:**  
WATER SPRAY, DRY CHEM OR FOAM.

**Fire Fighting Procedures:**  
USE STANDARD FIRE FIGHTING TECHNIQUES TO EXTINGUISH FIRES INVOLVING THIS MATL.

**Unusual Fire/Explosion Hazard:**  
NK

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**  
NK

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
212F,100C

**Melt /Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
NK

**Vapor Pres:**  
NK

**Vapor Density:**  
NK

**Volatile Org Content %:**

**Spec Gravity:**  
1.005 (8.4LB/GL

**VOC Pounds/Gallon:**

**PH:** 4.0

**VOC Grams/Liter:**

**Viscosity:**  
NK

**Evaporation Rate & Reference:**  
NK

**Solubility in Water:**  
COMPLETE.

**Appearance and Odor:**  
4 ENVIROCARE GLASS CLEANER FREE FLOWING PURPLE LIQ. W/LAVENDER BLOSSOM FRAGRANCE.

**Percent Volatiles by Volume:**  
99.0

**Corrosion Rate:**  
NK

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
NK

**Materials To Avoid:**  
NK

**Hazardous Decomposition Products:**  
NK

**Hazardous Polymerization Indicator:**  
N/P

**Conditions To Avoid Polymerization:**  
NK

## 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