

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-679/67990-27-6.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
67990-27-6

**Code:**  
M

**RTECS:**

**Code:**  
X 2

**Name:**  
C.I.SOLVENT YELLOW 107

**Other REC Limits:**  
NONE SPECIFIED

**OSHA PEL:**  
NOT ESTABLISHED

**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
NOT ESTABLISHED

**Code:**  
M

**ACGIHSTEL:**  
N/P

**Code:**

## Control Measures

**Respiratory Protection:**  
IF ENGINEERING CONTROLS ARE INADEQUATE OR SPECIAL CIRCUMSTANCE OCCUR; USE NIOSH/MSHA APPROVED RESPIRATOR OR AIR-SUPPLY SYSTEM. IF RESPIRARTOR USED, A PROGRAM IN ACCORDANCE WITH 29CFR 1910.134 MUST BE IMPLEMENTD.

**Ventilation:**  
USE EXPLOSION-PROOF MECHANICAL/LOCAL VENTILATION.

**Protective Gloves:**  
NITRILE

**Eye Protection:**  
SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

**Other Protective Equipment:**  
Equipment 5 EYE WASH STATION SAFETY SHOWER. CLOTHING TO PREVENT PROLONGED OR REPEATED CONTACT.

**Work Hygienic Practices:**  
WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

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

## Health Hazards Data

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

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

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
3 MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION AND RESPIRATORY SYSTEM IRRITATION IF INHALED. MAY CAUSE EYES AND SKIN IRRITATION ON CONTACT. MAY CAUSE CORNEAL BURNS ON CONTACT. MAY CAUSE GI TRACT IRRITATI ON IF INHALED OR SWALLOWED. MAY CAUSE LIVER OR KIDNEY DAMAGE. CHRONIC: MAY CAUSE DERMATITIS, LIVER OR KIDNEY DAMAGE.

**Explanation Of Carcinogenicity:**  
THIS DYE IS MANUFACTURED USING O-TOLIDINE WHICH IS ANIMAL CARCINOGEN,UNDER CERTAIN CONDI,THE DYE MAY YIELD THIS AMINE.

**Signs And Symptions Of Overexposure:**  
INGESTION: NAUSEA, VOMITING & ABDOMINAL PAIN, SEVERE GASTROINTESTINAL DISTRESS, DIARRHEA; SKIN: REDNESS, DRYNESS, ITCHING; EYE: BURNS, REDNESS, PAIN, BLURRED VISION; INHALED: NARCOSIS, DIZZINESS, EXCI TEMENT, DROWSINESS, INCOORDINATION & STAGGERING GAIT, POSSIBLE DIARRHEA.

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

**First Aid:**  
INHALED: REMOVE PERSON TO FRESH AIR AND RESUSCITATE IF NEEDED. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES WHILE HOLDING EYESLIDS OPEN. GET IMMEDIATE MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLO THES. WASH WITH SOAP AND WATER. INGESTED: DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION. IF ANY SYMPTOMS PERSIST, GET MEDICAL ATTENTION.

**Spill Release Procedures:**  
REMOVE SOURCES OF IGNITION. VENTILATE AREA. S DISCHARGE AND CONTAIN SPILL, RECOVER WITH EXPLOSION PROOF PUMP, ABSORBENT OR VERMICULITE AND PLACE IN AN APPROPRIATE CONTAINER FOR LATER DISPOSAL.

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

**Waste Disposal Methods:**  
RECYCLE; INCINERATE IN APPROVED INCINERATOR OR DISPOSE IN HAZARDOUS WASTE LANDFILL, IN COMPLIANCE WITH LOCAL,STATE & FEDERAL REQUIREMENTS.

**Handling And Storage Precautions:**  
USE UNDER WELL-VENTILATED CONDITIONS.

**Other Precautions:**  
WHEN POURING, DISPENSING TO OR FROM DRUMS OR OTHER CONTAINERS, INSURE THAT ALL CONTAINERS ARE PROPERLY GROUNDED AND BONDED TO MINIMIZE THE EFFECT OF STATIC CHARGE 4 BUILDUP.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
SCC

**Flash Point:**

**Flash Point Text:**  
83.0F,28.3C

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
1%

**Upper Limits:**  
7%

**Extinguishing Media:**  
CARBON DIOXIDE, FOAM, DRY CHEMICAL

**Fire Fighting Procedures:**  
WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

**Unusual Fire/Explosion Hazard:**  
NONE

## Physical/Chemical Properties

**HCC:**  
F3

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
279F/137C

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
UNKNOWN

**Vapor Pres:**  
5.1

**Vapor Density:**  
3.6

**Volatile Org Content %:**

**Spec Gravity:**  
0.94 - 0.97

**VOC Pounds/Gallon:**

**PH:** N/A

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
9.5 (ETHER=1)

**Solubility in Water:**  
INSOLUBLE

**Appearance and Odor:**  
DARK REDDISH LIQUID, AROMATIC ODOR

**Percent Volatiles by Volume:**  
42

**Corrosion Rate:**  
UNKNOWN

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
HEAT,EXPOSURE TO OPEN FLAMES. 6

**Materials To Avoid:**  
OXIDIZING REDUCING AGENTS.

**Hazardous Decomposition Products:**  
OXIDES OF CARBON AND NITROGEN, ACRID SMOKE FUMES.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NONE SPECIFIED BY MANUFACTURER.

## 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