

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-84/84-77-5.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
84-77-5  
**Code:**  
M

**RTECS:**  
T10900000  
**Code:**  
M

**Name:**  
DI-ISODECYL PHTHALATE

**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:**  
NOT APPLICABLE

**Ventilation:**  
MECHANICAL (GENERAL) VENTILATION IS NECESSARY IF PRODUCT IS SPRAYED.

**Protective Gloves:**  
RUBBER GLOVES OR P.V.C.

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

**Other Protective Equipment:**  
Equipment SAFETY SHOWER AND EYE BATH. INDUSTRIAL TYPE WORK CLOTHING AND APRON AS REQUIRED TO AVOID PROLONGED OR REPEATED CONTACT.

**Work Hygienic Practices:**  
WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. NEVER EAT, DRINK OR SMOKE WHEN WORKING WITH CHEMICALS.

**Supplemental Safety and Health:**  
PRODUCT UNDER THE FOLLOWING P/N IND: A, B, C, OR D ARE LISTED IN QPL-25135-15 UNDER TYPE 1, METHOD A, LEVEL 2 OF MIL- I-25135.(P/N IND A: P-134D; P/N IND B: 970-P23; P/N IND C: BIO-PEN P6F2; D: TRACER -TECH P-133A.)

## Health Hazards Data

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

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

**Skin:**  
NO

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
ACUTE EFFECTS-EYES:IRRITATION. SKIN:POSSIBLE IRRITANT. CHRONIC EFFECTS:NO LONG TERM EFFECTS KNOWN.

**Explanation Of Carcinogenicity:**  
NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

**Signs And Symptions Of Overexposure:**  
EYES:SEVERE IRRITATION. SKIN:IRRITATION. INHALED:DIZZINESS, NAUSEA. INGESTED:NAUSEA, VOMITING AND DIARRHEA.

**Medical Cond Aggravated By Exposure:**  
3 DERMATITIS OF THE SKIN MAY BE AGGRAVATED WITH PROLONGED EXPOSURE.

**First Aid:**  
EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN: WASH WITH LARGE AMOUNTS OF WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION: DO NOT INDUCE VOMITING. GET MEDIC AL ATTENTION.

**Spill Release Procedures:**  
USE ABSORBENT MATERIAL TO REMOVE SPILLAGE. PLACE MATERIAL IN DOT APPROVED CONTAINER. FLUSH RESIDUE WITH LARGE AMOUNTS OF WATER.

**Neutralizing Agent:**  
SOLIDIFY WASTE IN CONTAINERS WITH ABSORBENT MATERIAL.

**Waste Disposal Methods:**  
CONTACT SPECIAL WASTE DISPOSAL COMPANY. DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

**Handling And Storage Precautions:**  
STORE IN A DRY AREA ABOVE 32 F AND BELOW 90 F. SHORT TERM EXPOSURE OUTSIDE THIS TEMPERATURE RANGE SHOULD NOT PERMANENTLY DAMAGE THE PRODUCT.

**Other Precautions:**  
AVOID INHALING DROPLETS WHEN SPRAYING.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
PMCC

**Flash Point:**

**Flash Point Text:**  
225F,107C

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
1.1

**Upper Limits:**  
6.0

**Extinguishing Media:**  
USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

**Fire Fighting Procedures:**  
4 FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE.

**Unusual Fire/Explosion Hazard:**  
DO NOT USE NEAR OPEN FLAME. FUMES CAN BE IGNITED.

## Physical/Chemical Properties

**HCC:**  
N1

**NRC/State LIC No:**

**Net Prop WT For Ammo:**  
5

**Boiling Point:**

**B.P. Text:**  
248F,120C

**Melt /Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
UNKNOWN

**Vapor Pres:**  
N/K

**Vapor Density:**  
N/K

**Volatile Org Content %:**

**Spec Gravity:**  
0.86-0.88

**VOC Pounds/Gallon:**

**PH:** N/R

**VOC Grams/Liter:**

**Viscosity:**  
N/P

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

**Solubility in Water:**  
MODERATE

**Appearance and Odor:**  
FLUORESCENT YELLOW-GREEN LIQUID, MILD ODOR.

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

**Corrosion Rate:**  
UNKNOWN

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES.

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

**Hazardous Decomposition Products:**  
INCOMPLETE COMBUSTION CAN PRODUCE CARBON MONOXIDE.

**Hazardous Polymerization Indicator:**  
N/P

**Conditions To Avoid Polymerization:**  
NOT APPLICABLE

## 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

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