

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-771/771-61-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
771-61-9

Code:
M

RTECS:
SM6680000

Code:
M

Name:
PENTAFLUOROPHENOL

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:
FACE MASK W/ORGANIC VAPOR CANISTER, USE NIOSH/OSHA APPROVED RESPIRATORY PROTECTION.

Ventilation:
RECOMMENDED

Protective Gloves:
NEOPRENE

Eye Protection:
PROTECTIVE GLASSES

Other Protective Equipment:
Equipment N/K

Work Hygienic Practices:
REMOVE/LAUNDER CONTAMINATED CLOTHING.

Supplemental Safety and Health:
FIRST AID: INGESTION: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON OR ATTEMPT TO INDUCE VOMITING. DONT INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES. LD50 DATA IS FOR METHYLENE CHLO RIDE. METHYLENE CHLORIDE IS METABOLIZEDTO CO & CAN STRESS THE CARDIOVASCULAR SYSTEM DUE TO INCREASED CARBOXYHEMOGLOBIN. 3

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RAT): 2524 MG/KG SEE SUPP.

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
YES

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
INHALATION: HEADAHCE, DIZZINESS, & NARCOSIS. INGESTION: HARMFUL. EYES: LACRIMATION. SKIN: IRRITATION, & DERMATITIS.

Explanation Of Carcinogenicity:
SEE INGREDIENTS

Signs And Symptions Of Overexposure:
INHALATION: FATAL, LIVER & KIDNEY DAMAGE. POSSIBLE CANCER HAZARD.

Medical Cond Aggravated By Exposure:
N/K

First Aid:
EYES: FLUSH W/WATER FOR 15 MINS. SKIN: WASH W/MILD SOAP & LARGE VOLUMES OF WATER. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING IS DIFFICULT. IF BREATHING SS, GIVE ARTIFICIAL RESPIRATIO N. NEVER ADMINISTER ADRENALINE FOLLOWING METHYLENE CHLORIDE EXPOSURE. INCREASED SENSITIVITY OF THE HEART TO ADRENALINE MAY BE CAUSED BY OVEREXPOSURE TO METHYLENE CHLORIDE. INGESTION: SEE SUPP.

Spill Release Procedures:
TAKE UP W/ABSORBENT MATERIAL. VENTILATE AREA. METHYLENE CHLORIDE VAPORS ARE HEAVIER THAN AIR & WILL COLLECT IN LOW AREAS.

Neutralizing Agent:
N/K

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS. 2

Handling And Storage Precautions:
STORE IN SEALED CONTAINER IN COOL, DRY LOCATION. USE ONLY IN WELL VENTILATED AREA.

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, CO2, DRY CHEMICAL

Fire Fighting Procedures:
WEAR SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING CHEMICAL FIRE.

Unusual Fire/Explosion Hazard:
LIQUID OXYGEN OR OTHER STRONG OXIDANTS MAY FORM EXPLOSIVE MIXTURES W/METHYLENE CHLORIDE.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
40C

Melt/Freeze Pt:

M.P/F.P Text:
-97C

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
349

Vapor Density:
2.93

Volatile Org Content %:

Spec Gravity:
1.320

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
(ETHER = 1): 0.71

Solubility in Water:
1.6%

Appearance and Odor:
CLEAR COLORLESS LIQUID W/ETHER-LIKE ODOR

Percent Volatiles by Volume:
100%

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
FLAMES, HOT GLOWING SURFACES, ELECTRIC ARCS

Materials To Avoid:
STRONG BASES, OXIDIZING AGENTS

Hazardous Decomposition Products:
TOXIC VAPORS FROM HYDROGEN CHLORIDE &PHOSGENE ARE FORMED WHEN MATERIAL IS HEATED

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