MATERIAL SAFETY DATA SHEET

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

Click http://www.lookchem.com/cas-66/66-27-3.html for suppliers of this product.

Composition/Information on Ingredient

Cas:
66-27-3
Code:
M

RTECS:
PB2625000
Code:
M

Name:
METHYL METHANESULPHONATE

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
IF EXPOSURE LIMIT IS EXCEEDED, A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL.

Ventilation:
AN APPROVED FUME HOOD/EQUIVALENT

Protective Gloves:
VITON, POLYVINYL ALCOHOL/EQUIVALENT.

Eye Protection:
SAFETY GLASSES W/SIDE SHIELDS.

Other Protective Equipment:
Equipment EYE WASH &SAFETY EQUIPMENT

Work Hygienic Practices:
WASH W/SOAP &WATER AFTER HANDLING.

Supplemental Safety and Health:
N/K 7

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
YES

Carcinogenicity Inds - NTP:
YES

IARC:
YES

OSHA:
NO

Health Hazards Acute And Chronic:
SKIN: IRRITATION. EYES: IRRITATION/INJURY. INHALATION: IRRITATION OF MUCOUS MEMBRANE. MAY CAUSE DEATH. INGESTION: IRRITATION OF GI TRACT W/VOMITING. METHYLENE CHLORIDE: CAN BE ASPIRATED INTO THE LUNGS WHICH CAN CAUSE CHEMICAL PNEUMONIA & SYSTEMIC EFFECTS. MAY CAUSE BLOOD DEFECTS & AFFECT LIVER/KIDNEYS & CNS.

Explanation Of Carcinogenicity:
SEE INGREDIENTS.

Signs And Symptions Of Overexposure:
IRRITATION, DIZZINESS, NAUSEA, HEADACHE, NARCOSIS, IRREGULAR HEARTBEATS, COMA, VOMITING.

Medical Cond Aggravated By Exposure:
HEART, KIDNEY & LIVER CONDITIONS.

First Aid:
SKIN: WASH THOROUGHLY W/SOAP & WATER. EYES: IMMEDIATELY FLUSH W/WATER FOR 15 MINS. INHALATION: REMOVE TO FRESH AIR; GIVE CPR IF NECESSARY. INGESTION: DON'T INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
WEAR PROTECTIVE EQUIPMENT. ELIMINATE ANY IGNITION SOURCES. CONTAIN THE RELEASE & ELIMINATE ITS SOURCE SAFELY. DISPOSE AS HAZARDOUS WASTE.

Neutralizing Agent:
N/K

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

Handling And Storage Precautions:
KEEP CONTAINER TIGHTLY CLOSED. STORE IN A COOL, WELL-VENTILATED AREA AWAY FROM OPEN FLAMES.

Other Precautions:
DON'T BREATH VAPOR/MIST. DON'T GET IN EYES, ON SKIN/ON CLOTHING. DON'T TAKE INTERNALLY.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NONE

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
13

Upper Limits:
23

Extinguishing Media:
WATER SPRAY, CO2, DRY CHEMICAL.

Fire Fighting Procedures:
WEAR SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:
FORMS FLAMMABLE VAPOR-AIR MIXTURES >AMBIENT TEMP.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
103.6F

Melt/Freeze Pt:

M.P/F.P Text:
-139F

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
340

Vapor Density:
2.93

Volatile Org Content %:

Spec Gravity:
1.326

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
(BU AC=1): 27.5

Solubility in Water:
2%

Appearance and Odor:
COLORLESS LIQUID W/ETHER LIKE ODOR.

Percent Volatiles by Volume:
100

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
OPEN FLAME, WELDING ARCS, HOT SURFACES.

Materials To Avoid:
BASES, OXIDIZERS, OTHER ALKALI METALS, ALUMINUM &MAGNESIUM POWDER, SODIUM, POTASSIUM &LITHIUM.

Hazardous Decomposition Products:
HYDROGEN CHLORIDE, PHOSGENE, CHLORINE.

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

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