

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-111/1119-40-0.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
1119-40-0
Code:
M

RTECS:

Code:
X

Name:
DIMETHYL GLUTARATE

Other REC Limits:
10 MG/CUM

OSHA PEL:
N/K
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
USE WITH A PAINT REQUIRING ISOCYANATE HARDNER/ACTIVATOR, WEAR A POSITIVE PRESSURE SUPPLIED-AIR RESPIRATOR (TC-19C). WHEN NO ISOCYANATE HARDENER/ACTIVATOR IS USED, WEAR A VAPOR/PARTICULATE RESPIRATOR (TC-23C).

Ventilation:
PROVIDE LOCAL EXHAUST VENTILATION TO KEEP

Protective Gloves:
NEOPRENE

Eye Protection:
SPLASH GUARDS, SIDE SHIELD

Other Protective Equipment:
Equipment COVERALLS

Work Hygienic Practices:
DON'T PERMIT ANYONE W/O RESPIRATOR PROTECTION IN THE PAINTING AREA.

Supplemental Safety and Health:
GAL/WT: (#/GAL): 6.4 - 7.5

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
INGESTION: GASTRO-INTESTINAL DISTRESS. INHALATION: MAY CAUSE NOSE & THROAT IRRITATION. EYE WATERING, HEADACHES, NAUSEA, DIZZINESS & LOSS OF COORDINATION ARE SIGNS THAT SOLVENTS LEVELS ARE TOO HIGH. EY E/SKIN: MAY CAUSE IRRITATION OR BURNING.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
INHALATION: MAY CAUSE NOSE/THROAT IRRITATION. EYE WATERING, HEADACHES, NAUSEA, DIZZINESS & LOSS OF COORDINATION ARE SIGNS THAT SOLVENT LEVELS ARE TOO HIGH. OVEREXPOSURE TO SOLVENTS MAY LEAD TO PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. SKIN: REPEATED/PROLONGED LIQUID CONTACT MAY CAUSE IRRITATION W/DISCOMFORT & DERMATITIS

Medical Cond Aggravated By Exposure:
N/K

First Aid:
EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST MINS; CALL PHYSICIAN. SKIN: WASH WITH SOAP & WATER. IF IRRITATION OCCURS, CONTACT PHYSICIAN. INHALATION: IF AFFECTED, REMOVE TO FRESH AIR. IF BREATHING DIFFICULTY PERSISTS, OR OCCURS LATER, CONSULT PHYSICIAN.

Spill Release Procedures:
VENTILATE AREA. REMOVE SOURCES OF IGNITION. PREVENT SKIN CONTACT & BREATHING OF VAPOR. CONFINE AND REMOVE WITH INERT ABSORBANT.

Neutralizing Agent:
N/K

Waste Disposal Methods:
DON'T ALLOW MATERIAL TO CONTAMINATE GROUND WATER SYSTEMS. INCINERATE ABSORBED MATERIAL IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REQUIREMENTS. DON'T INCINERATE IN CLOSED CONTAINERS.

Handling And Storage Precautions:
KEEP AWAY FROM HEAT, SPARKS & FLAME. CLOSE CONTAINER AFTER EACH USE. GROUND CONTAINERS WHEN POURING. DON'T STORE >120F. DON'T BREATHE VAPORS/MISTS.

Other Precautions:
WASH THOROUGHLY AFTER HANDLING & BEFORE EATING OR SMOKING. DON'T SAND, FLAME CUT, BRAZE OR WELD DRY COATING W/OUT NIOSH/MSHA APPROVED RESPIRATOR OR APPROPRIATE VENTILATION.

Fire and Explosion Hazard Information

Flash Point Method:
CC

Flash Point:

Flash Point Text:
<20F

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
0.6%

Upper Limits:
13.1% 4

Extinguishing Media:
FOAM, CO2, DRY CHEMICAL

Fire Fighting Procedures:
WASH THOROUGHLY AFTER HANDLING & BEFORE EATING OR SMOKING. DON'T SAND, FLAME CUT, BRAZE OR WELD DRY COATING W/OUT NIOSH/MSHA APPROVED RESPIRATOR OR APPROPRIATE VENTILATION.

Unusual Fire/Explosion Hazard:
FINE MISTS OR SPRAYS MAY BE FLAMMABLE AT TEMPERATURES BELOW THE FLASH POINT, BURN, & BE EXPLOSIVE.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
54-245FF

Melt/Freeze Pt:

M.P/F.P Text:
N/K

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/K

Vapor Density:
>AIR

Volatile Org Content %:

Spec Gravity:
N/K

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
SLOWER THAN ETHER 5

Solubility in Water:
MISCIBLE

Appearance and Odor:
N/K

Percent Volatiles by Volume:
100%

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
KEEP AWAY FROM HEAT, SPARKS, & FLAME

Materials To Avoid:
NONE REASONABLE FORESEEABLE

Hazardous Decomposition Products:
CO, CO2, SMOKE

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