

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

ACGIH STEL:

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 HARDNER/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

LD50/LC50 Mixture:

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 Symptoms Of Overexposure:

INHALATION: MAY CAUSE NOSE/THROAT IRRITATION. EYE WATERING, HEADACHES, NAUSEA, DIZZINESS & LOSS OF COORDINATION ARE SIGNS THAT SOLVENTS 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 15 MIN; 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:

WATER TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD UP. FULL PROTECTIVE EQUIPMENT, INCLUDING SELF-CONTAINED BREATHING APPARATUS.

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:**

54-245F

Melt/Freeze Pt:

N/K

M.P./F.P. Text:

N/K

Decomp Temp:

N/K

Decomp Text:

N/K

Vapor Pres:

N/K

Vapor Density:

>AIR

Volatile Org Content %:

N/A

Spec Gravity:

N/K

VOC Pounds/Gallon:

N/A

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

100% Volatiles by Volume:

100%

Corrosion Rate:

N/K

Other Information:

N/P

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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