

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-141/141-04-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

141-04-8

Code:

M

RTECS:

AV1480000

Code:

M

Name:

DIISOBUTYL APIDATE, DIISOBUTYL ESTER APIDIC ACID

Other REC Limits:

N/K

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 NIOSH/MSHA APPROVED RESPIRATOR IF VENTILATION ISN'T SUFFICIENT. 5

Ventilation:

MECHANICAL (GENERAL) SHOULD HAVE AN AIRFLOW OF 55 CFM/<.

Protective Gloves:

CHEMICALLY RESISTANT

Eye Protection:

SAFETY GLASSES/GOGGLES

Other Protective Equipment:

Equipment EYE BATH.

Work Hygienic Practices:

REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:

ORAL LD50 INFORMATION IS FOR DIISOBUTYL DIBASIC ACID ESTERS.

Health Hazards Data

LD50/LC50/Mixture:

ORAL LD50(RAT): 8200 MG/KG (SEE SUPP)

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

INHALATION: IRRITATION OF THE UPPER RESPIRATORY PASSAGES. INGESTION: IRRITATION OF THE MOUTH, THROAT & GI TRACT. SKIN: IRRITATION & DERMATITIS. EYES: IRRITATION.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

IRRITATION, DISCOMFORT, NAUSEA, HEADACHE, DIARRHEA, THIRST, WEAKNESS, RASH, TEARING/BLURRING OF VISION.

Medical Cond Aggravated By Exposure:

N/K

First Aid:

INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN, IF NEEDED. INGESTION: DON'T INDUCE VOMITING. IMMEDIATELY GIVE 2 GLASSES OF WATER. SKIN: THOROUGHLY WASH AREA W/SOAP & WATER; USE CREAM IF IRRITATION IS SEVERE. EYES: IMMEDIATELY FLUSH W/WATER FOR 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:

ABSORB W/INERT MATERIAL, THEN PLACE IN CHEMICAL WASTE CONTAINER. LARGE: DIKE FOR LATER DISPOSAL. 4

Neutralizing Agent:

N/K

Waste Disposal Methods:

WASTE TREAT/INCINERATE USED MATERIAL IAW/FEDERAL, STATE & LOCAL REGULATIONS.

Handling And Storage Precautions:

STORE IN ORIGINAL CONTAINER, PREFERABLY IN A COOL, VENTILATED, FIRE-RESISTANT BUILDING. AVOID OVERHEATING/FREEZING.

Other Precautions:

SINCE EMPTY CONTAINERS MAY RETAIN PRODUCT RESIDUES ALL LABEL PRECAUTIONS MUST BE OBSERVED. ALKOXY POLYETHYLENE OXYETHANOL IS EXPECTED TO BE TOXIC TO FISH AT CONCENTRATIONS >1-10 MG/L.

Fire and Explosion Hazard Information

Flash Point Method:

PMCC

Flash Point:

205F

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

1

Upper Limits:

6

Extinguishing Media:

WATER, CHEMICAL FOAM, DRY CHEMICAL, CO2. CLASS BC, ABC FIRE EXTINGUISHER.

Fire Fighting Procedures:

WEAR SCBA & PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:

COMBUSTIBLE. HEATING CAN RELEASE VAPORS WHICH CAN BE IGNITED.

Physical/Chemical Properties

HCC:**NRC/State LIC No:****Net Prop WT For Ammo:****Boiling Point:****B.P. Text:**

430-563F

Melt/Freeze Pt:

N/K

M.P./F.P. Text:

N/K

Decomp Temp:

N/A

Decomp Text:

N/K

Vapor Pres:

<0.1

6.7**Volatile Org Content %:**

0.85

Spec Gravity:

0.85

VOC Pounds/Gallon:**PH:**

N/K

VOC Grams/Liter:

0.85

Viscosity:

N/P

Evaporation Rate & Reference:

(BU AC = 1);

Solubility in Water:

6

Appearance and Odor:

COLORLESS TO LIGHT YELLOW LIQUID W/A MILD HYDROCARBON ODOR.

Percent Volatiles by Volume:

N/K

Corrosion Rate:

N/K

Reactivity Data**Stability Indicator:**

YES

Stability Condition To Avoid:

TEMPS >400F, HEAT, SPARKS, FLAMES, OVERHEATING, FREEZING.

Materials To Avoid:

STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG BASES.

Hazardous Decomposition Products:

NONE, OTHER THAN NORMAL PRODUCT OF COMBUSTION.

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

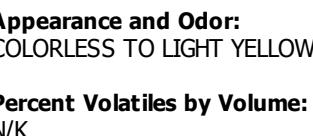
State Regulatory Information:

N/P

Other Information

Other Information:

N/P



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