

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-57/57-10-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
57-10-3
Code:
M

RTECS:
RT4550000
Code:
M

Name:
PALMITIC ACID

Other REC Limits:
NOT ESTABLISHED

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST/MIST IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA. 4

Ventilation:
LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:
IMPERVIOUS

Eye Protection:
SAFETY GLASSES/GOGGLES

Other Protective Equipment:
Equipment PROTECTIVE CLOTHINGS.EYE-WASH FACILITIES,SAFETY SHOWER.

Work Hygienic Practices:
AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE VAPORS/MIST/DUST.WASH THOROUGHLY AFTER EACH USE;DO NOT EAT,DRINK,SMOKE.

Supplemental Safety and Health:
N/P

Health Hazards Data

LD50LC50Mixture:
ORAL RATS LD50 >10G/KG

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
NO SPECIFIC INFORMATION PER MSDS; MAY CAUSE IRRITATION OF EYES,SKIN,RESPIRATORY OR G,I,TRACT,AVOID INHALATION OF FLAKES OR DUST.

Explanation Of Carcinogenicity:
DATA PER MGF MSDS.

Signs And Symptions Of Overexposure:
EYE & SKIN IRRITANT

Medical Cond Aggravated By Exposure:
NONE REPORTED

First Aid:
EYES AND SKIN:FLUSH WITH LARGE AMOUNT OF WATER FOR ABOUT 15-20 MINUTES;SEEK MEDICAL ATTENTION IMMEDIATELY.INHALATION:REMOVE TO FRESH AIR;CALL A PHYSICIAN.INGESTION:SEEK MEDICAL ATTENTION IMMEDIATELY.

Spill Release Procedures:
USE PROPER PERSONAL PROTECTION;SWEEP UP OR VACUUM AND COLLECT FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.

Neutralizing Agent:
3 N/R

Waste Disposal Methods:
CONSULT LOCAL AUTHORITIES;DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS

Handling And Storage Precautions:
STORE IN COOL,DRY WELL VENTED LOW FIRE RISK AREA. PROTECT FROM HEAT,SHOCK,FRICTION. KEEP CONTAINERS CLOSED.

Other Precautions:
AVOID EYE & SKIN CONTACT

Fire and Explosion Hazard Information

Flash Point Method:
COC

Flash Point:

Flash Point Text:
>350F,>177C

Autoignition Temp:

Autoignition Temp Text:
743F

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:
FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:
STEARIC ACID IS A FLAMMABLE DUST.IN CONFINED SPACE,IT MAY EXPLODE.

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
>700F,>371C

Melt/Freeze Pt:

M.P/F.P Text:
127F,53C

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
1.0

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
0.849

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/K 5

Evaporation Rate & Reference:
NIL

Solubility in Water:
INSOLUBLE

Appearance and Odor:
WHITE,WAXY FLAKES OR POWDER WITH A FATTY ACID ODOR

Percent Volatiles by Volume:
N/R

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Materials To Avoid:
STRONG OXIDIZING AGENTS ,ACIDS AND ALKALIES

Hazardous Decomposition Products:
NOT SPECIFIED

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
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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