

# 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

**ACGIH STEL:**

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 CLOTHING.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

**LD50/LC50 Mixture:**

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 Symptoms 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,FRICITION. 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,>71C

**Melt/Freeze Pt:****Decomp Temp:****Decomp Temp Text:**

UNKNOW

**Viscosity:**

N/K

**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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