

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-303/30399-84-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
30399-84-9
Code:
M
RTECS:

Code:
X
Name:
ISOSTEARIC ACID

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
USE A NIOSH APPROVED DUST RESPIRATOR IF AIR MONITORING DEMONSTRATES THAT AIRBORNE PARTICULATE EXCEEDS RECOMMENDED LIMITS.

Ventilation:
LOCAL EXHAUST: SUFFICIENT IN VOLUME & PATTERN TO KEEP AIR W/IN APPROVED OSHA LEVELS. MECHANICAL (GENERAL): WHEN SPRAYING

Protective Gloves:
RECOMMENDED

Eye Protection:
SPLASH GOGGLES 3

Other Protective Equipment:
Equipment EYEWASH & SAFETY SHOWER, PROTECTIVE CLOTHING.

Work Hygienic Practices:
N/P

Supplemental Safety and Health:
N/P

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ALUMINUM DUSTS ARE EYE & MUCOUS MEMBRANE IRRITANTS. INHALATION: PROLONGED EXPOSURE MAY CAUSE IRRITATION OF THE NOSE & TRACHEA. INGESTION: NON-TOXIC.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
IRRITATION, METALLIC TASTE, NASAL ULCERATION.

Medical Cond Aggravated By Exposure:
N/K

First Aid:
EYES: FLUSH W/WATER FOR 15 MINS. SKIN: WASH W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. GIVE CPR IF NEEDED. INGESTION: DRINK 1/2 GLASSES OF WATER. DON'T INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES. 2

Spill Release Procedures:
SWEEP GENTLY TO AVOID DUST CLOUD FORMATION. USE NON-SPARKING TOOLS. CLEAN UP PROPERLY W/PAPER TOWELS & A WET SPONGE.

Neutralizing Agent:
N/K

Waste Disposal Methods:
DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS.

Handling And Storage Precautions:
USE EXTREME CAUTION WHEN HANDLING TO AVOID GENERATING DUST PARTICULATE. HAZARDOUS WHEN STORING IN A SEALED CONTAINER OF EXTREME PRESSURE BUILDUP.

Other Precautions:
KEEP OUT OF REACH OF CHILDREN. DON'T STORE MIXTURES OF WATER BASED MEDIUMS & ALUMINUM PIGMENTS/METALLIC PIGMENTS THAT CONTAIN ALUMINUM FLAKE. USE EXTREME CARE WHEN TRANSFERRING & USE IN AREAS THAT ARE EXPLOSION PROOF.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
N/K

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
0.035

Upper Limits:
N/K

Extinguishing Media:
SAND/OTHER INERT MATERIAL

Fire Fighting Procedures:
WEAR SCBA. NEVER USE WATER AS AN EXTINGUISHING AGENT ON ALUMINUM FIRE. WATER & ALUMINUM, WHEN COMBINED FORM HYDROGEN GAS. DON'T USE DRY CHEMICAL AGENTS.

Unusual Fire/Explosion Hazard:
ALUMINUM POWDER IN BULK FORM WHEN SUSPENDED AS AIRBORNE PARTICULATE, CAN BE POTENTIALLY EXPLOSIVE.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
4766F

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/K

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
2.7

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
INSOLUBLE

Appearance and Odor:
SILVER/GRAY METALLIC LOOKING POWDER W/LITTLE ODOR

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HEAT

Materials To Avoid:
STRONG ALKALIES/CHLORATES/BROMATES/MINERAL ACIDS/STRONG OXIDIZING AGENTS/SILVER CO2/SULFUR DICHLORIDE/PALLADIUM. (SUPP)

Hazardous Decomposition Products:
HYDROGEN & NOXIOUS COPPER COMPOUNDS.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
ALUMINUM WILL REACT W/WATER TO SLOWLY GENERATE HYDROGEN GAS & HEAT.

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

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

WARRANTY
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

LookChemTM

Look for Chemicals

www.lookchem.com