

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-242/2421-28-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
2421-28-5
Code:
M

RTECS:

Code:
X

Name:
4,4-CARDONYLDIPHTHALIC ANHYDRIDE

Other REC Limits:
TLV 0.25 MG/M3

OSHA PEL:
NOT ESTABLISHED

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED

Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
NIOSH APPROVED RESPIRATOR RECOMMENDED W/APPROPRIATE ACID/GAS FILTER.

Ventilation:
ADEQUATE

Protective Gloves:
IMPERVIOUS

Eye Protection:
4 CHEMICAL GOGGLES

Other Protective Equipment:
Equipment CLEAN BODY COVERING CLOTHING.

Work Hygienic Practices:
NK

Supplemental Safety and Health:
NK

Health Hazards Data

LD50LC50Mixture:
NK

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
EYES: IRRITATION, TEARING. SKIN: IRRITATION/ALLERGIC SENSITIVITY. INGESTION: IRRITATION/CORROSION/VOMITING. INHALATION: BREATHLESSNESS/SEVERE COUGH/CHEST PAIN/MUCOUS MEMBRANE IRRIT/REDUCED PULMINARY F UNCTION/SENSITIVITY/ASTHMA-LIKE SYMPTOMS.

Explanation Of Carcinogenicity:
NK

Signs And Symptions Of Overexposure:
NK

Medical Cond Aggravated By Exposure:
NK

First Aid:
EYES: FLUSH W/RUNNING WATER >15 MIN. CALL DR. SKIN: WASH W/SOAP & WATER. SLCOHOL MAY HELP. CALL DR. INGEST: DRINK WARM WATER. INDUCE VOMITING/DRINK MILK/MILD CATHARTIC (MILK OF MAGNESIA) CALL POISON C ONTROL/DR IMMED. INHAL: MOVE TO FRESH AIR. IF TROUBLE BREATHING GIVE OXYGEN. CALL DR.

Spill Release Procedures:
EVACUATE. DIKE/ABSORB.

Neutralizing Agent:
NK

Waste Disposal Methods:
ACCORDING TO ALL FEDERAL, STATE, LOCAL REGULATIONS.

Handling And Storage Precautions:
3 KEEP CONTAINER AIR TIGHT WHEN NOT IN USE.

Other Precautions:
NK

Fire and Explosion Hazard Information

Flash Point Method:
PMCC

Flash Point:

Flash Point Text:
NA

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
NOT EST.

Upper Limits:
NOT EST.

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

Fire Fighting Procedures:
USE SCBA, TURN-OUT CLOTHES. USE WATER TO COOL FIRE-EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:
AVOID WATER CONTAMINATION IN CLOSED CONTAINER/CONFINED AREA (EXOTHERMIC REACTION)

Physical/Chemical Properties

HCC:

NRC/State LIC No:
NK

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
435F,224C

Melt /Freeze Pt:

M.P/F.P Text:
NK

Decomp Temp:

Decomp Text:
NK

Vapor Pres:
NA

Vapor Density:
NA

Volatile Org Content %:

Spec Gravity:
2.0

VOC Pounds/Gallon:

PH: NK

VOC Grams/Liter:

Viscosity:
NK

Evaporation Rate & Reference:
NA

Solubility in Water:
HYDROLYZABLE

Appearance and Odor:
WHITE TO TAN COLORED POWDER

Percent Volatiles by Volume:
NIL

Corrosion Rate:
NK

Reactivity Data

Stability Indicator:
5 YES

Stability Condition To Avoid:
TEMPS >160F OR

Materials To Avoid:
WATER, STRONG ALKALIES, ALCOHOLS, METAL COMPOUNDS, SURFACE ACTIVE AGENTS.

Hazardous Decomposition Products:
CO, CO2, OXIDES OF NITROGEN, TRACES HYDROGEN CYANIDE.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NK

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