

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-140/140-22-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
140-22-7
Code:
M

RTECS:
FF2750000
Code:
M

Name:
1,5-DIPHENYLCARBAZIDE

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:
A DUST/MIST RESPIRATOR MAY BE WORN. FOR EMERGENCIES, A SELF-CONTAINED BREATHING APPARATUS MAY BE NECESSARY.

Ventilation:
LOCAL EXHAUST WHICH CAPTURES THE CONTAMINATION AT ITS SOURCE IS RECOMMENDED TO PREVENT DISPERSION INTO THE WORKROOM AIR.

Protective Gloves:
PROTECTIVE

Eye Protection:
SAFETY GOGGLES

Other Protective Equipment:
Equipment CONTACT LENSES SHOULD NOT BE WORN. EYE WASH FOUNTAIN &QUICK-DRENCH FACILITIES.

Work Hygienic Practices:
N/K 3

Supplemental Safety and Health:
N/K

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
INHALATION: IRRITATING TO THE RESPIRATORY/GASTROINTESTINAL TRACT & MOUTH. SKIN: MAY CAUSE IRRITATION. EYE: MAY CAUSE IRRITATION WITH REDNESS & PAIN.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
INHALATION: SORE THROAT , COUGHING, & LABORED BREATHING, IRRITATING TO THE RESPIRATORY/GASTROINTESTINAL TRACT & MOUTH.

Medical Cond Aggravated By Exposure:
N/K

First Aid:
INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION FOR ANY BREATHING DIFFICULTY. INGESTION: GIVE WATER OR MILK, GET MED ATT. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SKIN: REMOVE ANY CONTAMINATED CLOTHING. WASH W/SOAP OR MILD DETERGENT & WATER FOR AT LEAST 15 MINS. GET MED ATT IF IRRITATION DEVELOPS. EYE: WASH W/PLENTY OF WATER FOR AT LEAST 15 MINS. CALL PHYSICIAN.

Spill Release Procedures:
REMOVE ALL SOURCES OF IGNITION. VENTILATE AREA OF LEAK OR SPILL. CLEAN-UP PERSONNEL MAY REQUIRE PROTECTION FROM INHALATION OF DUST. CLEAN UP SPILLS IN A MANNER THAT DOESN'T DISPERSE DUST INTO THE AIR. USE NON-SPARKING TOOLS.

Neutralizing Agent:
N/K

Waste Disposal Methods:
2 WHATEVER CAN'T BE SAVED FOR RECOVERY MAY BE BURNED IN AN APPROVED INCINERATOR OR DISPOSED IN AN APPROVED WASTE FACILITY. ENSURE COMPLIANCE WITH LOCAL, STATE & FEDERAL REGULATIONS.

Handling And Storage Precautions:
KEEP IN A TIGHTLY CLOSED CONTAINER. PREVENT FROM PHYSICAL DAMAGE. STORE IN A COOL, DRY, VENTILATED AREA AWAY FROM SOURCES OF HEAT, MOISTURE/INCOMP.

Other Precautions:
AVOID BREATHING DUST. AVOID CONTACT W/EYES, SKIN & CLOTHING. WASH THOROUGHLY AFTER HANDLING. WARNING CAUSES IRRITATION TO SKIN, EYES, RESPIRATORY & GASTROINTESTINAL TRACTS.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
N/R

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
WATER SPRAY, DRY CHEMICAL, ALCOHOL FOAM OR CO2

Fire Fighting Procedures:
WEAR FULL PROTECTIVE CLOTHING & NIOSH APPROVED SCBA W/FULL FACEPIECE OPERATED IN THE PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:
FINE DUST DISPERSED IN AIR IN SUFFICIENT CONCENTRATIONS, & IN THE PRESENCE OF AN IGNITE SOURCE IS A POTENTIAL DUST EXPLOSION HAZARD.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/R

Melt/Freeze Pt:

M.P/F.P Text:
318-322F

Decomp Temp:

Decomp Text:
N/R

Vapor Pres:
N/R

Vapor Density:
N/R

Volatile Org Content %:

Spec Gravity:
N/R

VOC Pounds/Gallon:

PH: N/R

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/R

Solubility in Water:
INSOLUBLE

Appearance and Odor:
BULKY, ORANGE, CRYSTALLINE POWDER.

Percent Volatiles by Volume:
N/R

Corrosion Rate:
N/R

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
N/K

Materials To Avoid:
N/K

Hazardous Decomposition Products:
CO2, CO OR NITROGEN OXIDE

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

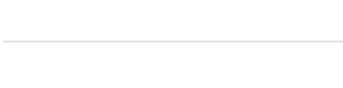
Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P



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WARRANTY

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