

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-538/538-62-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

538-62-5

Code:

M

RTECS:

LQ9420000

Code:

M

Name:

SYM-DIPHENYLCARBAZONE

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:**Code:****ACGIH TLV:**

NOT ESTABLISHED

Code:

M N/P

ACGIH STEL:

EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem

Code:

1 ACGIH STEL:

Control Measures

Respiratory Protection:

NONE NORMALLY REQUIRED. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED DUST RESPIRATOR OR DUST MASK.

Ventilation:

GOOD GENERAL VENTILATION IS SUFFICIENT FOR MOST CONDITIONS (10 ROOM VOLUMES PER HOUR).

Protective Gloves:

RUBBER

Eye Protection:

SAFETY GLASSES/DUST GOGGLES

Other Protective Equipment:

Equipment EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING AND/OR UNIFORM

Work Hygienic Practices:

OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. 3

Supplemental Safety and Health:

N/P

Health Hazards Data

LD50LC50Mixture:

LD50 (ORAL, RAT) IS UNKNOWN.

Route Of Entry Inds - Inhalation:

YES

Skin:

NO

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

TARGET ORGANS:EYES, SKIN, RESPIRATORY AND GASTROINTESTINAL TRACTS. ACUTE- CAUSES EYE AND SKIN IRRITATION. STAINS SKIN ON CONTACT. DUSTS ARE IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT. MAY IRRITATE GASTROINTESTINAL TRACT, IF SWALLOWED. CHRONIC- UNKNOWN.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

IRRITATION, TEARING, COUGHING, PAIN, STAINING SKIN

Medical Cond Aggravated By Exposure:

PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

First Aid:

GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WASH WITH PLENTY OF SOAP & WATER. ORAL:IF CONSCIOUS & ALERT, DRINK MILK OR WATER. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Spill Release Procedures:

WEAR PROPER PROTECTIVE EQUIPMENTS. EVACUATE AREA. CAREFULLY SWEEP UP SPILL. AVOID CREATING DUST. PLACE IN APPROPRIATE CONTAINER FOR DISPOSAL. VENTILATE AREA AND WASH SPILL SITE WITH WATER.

Neutralizing Agent:

NOT RELEVANT

Waste Disposal Methods:

2 DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. CONTRACT WITH A LICENSED WASTE DISPOSAL SERVICE.

Handling And Storage Precautions:

STORE IN COOL, DRY PLACE. KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions:

DO NOT RAISE DUST. AVOID CONTACT WITH EYES, SKIN OR CLOTHING. AVOID INHALATION OF DUST. WASH THOROUGHLY AFTER HANDLING MATERIAL. KEEP OUT OF REACH OF SMALL CHILDREN. DO NOT INGEST.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

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Flash Point Text:

USE WATER FOG, C

Autoignition Temp:

N/A

Lower Limits:

NOT RELEVANT

Upper Limits:

NOT RELEVANT

Extinguishing Media:

WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:

WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. TOXIC GASES MAY BE PRESENT.

Unusual Fire/Explosion Hazard:

TOXIC GASES MAY BE FORMED.

Physical/Chemical Properties

HCC:

N1

NRC/State Lic No:

NOT RELEVANT

Net Prop WT For Ammo:

N/A

Boiling Point:

N/A

B.P. Text:

DECOMPOSES

Melt/Freeze Pt:

302F/150C

302F/150C

Decomp Temp:

UNKNOWN

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

NOT RELEVANT

Upper Limits:

NOT RELEVANT

Extinguishing Media:

WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:

WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. TOXIC GASES MAY BE PRESENT.

Unusual Fire/Explosion Hazard:

TOXIC GASES MAY BE FORMED.

Toxicological Information

Information-N/P:

Information-N/P

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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