MATERIAL SAFETY DATA SHEET For R&D use only. Not for drug, household or other uses. Click http://www.lookchem.com/cas-103/10329-15-4.html for suppliers of this product.

RTECS: Code: Χ Name: SYM-DIPHENYLCARBEZONE

Composition/Information on Ingredient

Cas: 10329-15-4 Code: Μ

Other REC Limits: NONE RECOMMENDED **OSHA PEL:** NOT ESTABLISHED

Code: Μ

OSHA STEL: Code:

ACGIH TLV: NOT ESTABLISHED Code: Μ **ACGIHSTEL:** NΡ Code:

Control Measures

Respiratory Protection: WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A NIOSH/MSHA APPROVED RESPIRATOR FOR ACIDIC DUST. Ventilation: LOCAL VENTILATION AT THE WORKSITE; MECHANICAL (GENERAL) VENTILATION TO MAINTAIN TLV/PEL. Protective Gloves:

IMPERVIOUS Eye Protection: DUST-PROOF GOGGLES

Other Protective Equipment: Equipment PROTECTIVE CLOTHING, AS NEEDED. PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

EXECISE GOOD LABORATORY PRACTICES.WASH HANDS AFTER USE AND BEFORE EATING.

EYES: MAY CAUSE IRRITATION. SKIN: MAY CAUSE IRRITATION. INGEST: MAY CAUSE GI TRACT IRRITATION. INHAL: MAY CAUSE

PERSONS WITH PRE-EXISTING EYE, SKIN AND RESPIRATORY AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE. 3

SKIN: REMOVE CONTAMINATED CLOTHING; WASH WITH WATER. SEE PHYSICIAN. EYES: FLUSH WITH WATER FOR 15 MINUTES. SEE

VENTILATE AREA.USE PROPER PROTECTIVE AND RESPIRATORY EQUIPMENT.COVER WITH SODIUM BICARBONATE; ADD WATER(IF

PHYSICIAN.INHAL: REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST: DO N OT INDUCE VOMITING.GET

NEEDED) TO MAKE SLURRY; ADD NEUTRALIZER (IF NEEDED UNTIL BUBLING); SCOOP UP; WASH DOWN DRAIN WITH EXCESS WATER. WASH

STORE IN A COOL, DRY, WELL-VENTILATED PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP AWAY FROM HEAT, SPARKS, FLAMES

4 USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT. COOL FIRE EXPOSED CONTAINERS WITH WATER

THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP, IARC OR OSHA.

INGEST/INHAL: HIGH CONCENTRATIONS MAY PRODUCE A NARCOTIC EFFECT.

DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

FOLLOW LABEL DIRECTIONS.AVOID BREATHING DUST.AVOID SKIN AND EYE CONTACT.

MAY EXLODE IF HEATED TO DECOMPOSITION.FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

Fire and Explosion Hazard Information

PROMPT QUALIFIEDMEDICAL ATTENTION.IF CONSCIOUS, GIVE LARGE QUANTITIES OF WATER.

Work Hygienic Practices:

LD50LC50Mixture:

Skin: YES

YES

IARC: NO

OSHA: NO

First Aid:

Ingestion:

Supplemental Safety and Health: TOXICITY DATA FROM RTECS 93-3.

Health Hazards Data

Route Of Entry Inds - Inhalation:

Carcinogenicity Inds - NTP:

Health Hazards Acute And Chronic:

RESPIRATORY IRRITATION.

Spill Release Procedures:

Waste Disposal Methods:

Neutralizing Agent:

Other Precautions:

Flash Point Method:

N/P

NONE

N/K

N/K

N/K

FOG.

HCC: T6

N/R

NRC/State LIC No:

Boiling Point:

Melt/Freeze Pt:

M.P/F.P Text:

Decomp Temp:

Decomp Text: UNKNOWN

Vapor Pres:

Vapor Density:

Spec Gravity:

PH: 3.1@5%

Viscosity: N/R

COMPLETE

N/R

VOC Grams/Liter:

Solubility in Water:

Corrosion Rate: UNKNOWN

Stability Indicator:

Materials To Avoid:

PHTHALIC ANHYDRIDE.

Information:N/P

Information:N/P

YES

NO

N/R

HIGH HEAT.

Appearance and Odor:

Percent Volatiles by Volume:

Reactivity Data

Stability Condition To Avoid:

MITRIC ACID, SODIUM NITRITE.

Hazardous Decomposition Products:

Hazardous Polymerization Indicator:

Conditions To Avoid Polymerization:

Toxicological Information

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

www.lookchem.com

Other Information:N/P

MSDS Transport Information

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

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

WARRANTY

terms and conditions of sale.

Evaporation Rate & Reference:

SOLID; PINK OR LIGHT YELLOW.ODOR NOT REPORTED.

VOC Pounds/Gallon:

Volatile Org Content %:

N/K

N/R

N/R

1.4

B.P. Text: N/R 5

Net Prop WT For Ammo:

Flash Point:

Flash Point Text:

Autoignition Temp:

Lower Limits:

Upper Limits:

Extinguishing Media: WATER MIST OR SPRAY.

Fire Fighting Procedures:

Unusual Fire/Explosion Hazard:

Physical/Chemical Properties

Autoignition Temp Text:

SPILL AREA W/SODA ASHSOLN.

SODA ASH, SODIUM BICARBONATE.

Handling And Storage Precautions:

AND INCOMPATIBLE MATERIALS.

Explanation Of Carcinogenicity:

Signs And Symptions Of Overexposure:

Medical Cond Aggravated By Exposure:

INTRAPERIT LD50 (MS) IS 550MG/KG INGRED1