

DIPHENYLCARBAZONE REAGENT

MSDS Number

BSDRX

National Stock Number

6810-01-024-0270

Product Name

DIPHENYLCARBAZONE REAGENT

Manufacturer

HACH CO

Product Identification

Product ID:DIPHENYLCARBAZONE REAGENT

MSDS Date:01/01/1995

FSC:6810

NIIN:01-024-0270

MSDS Number: BSDRX

Responsible Party

HACH CO.

100 DAYTON RD.

AMES , IA 50010-6402

US

Emergency Phone: 800-227-4224 303-623-5716

Info Phone: 800-227-4224

Cage: 4T252

Contractor

HACH COMPANY

907

AMES, IA 50010

US

800-227-4224

Cage: 4T252

Ingredients

PHTHALIC ACID

CAS: 88-99-3

RTECS: TH9625000

Fraction By Weight:

POTASSIUM ACID PHTHALATE

CAS: 877-24-7

Fraction By Weight:

SYM-DIPHENYLCARBEZONE

CAS: 10329-15-4

Fraction By Weight:

Hazards

LD50 LC50 Mixture:INTRAPERIT LD50 (MS) IS 550MG/KG INGRED1

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION.SKIN:MAY CAUSE IRRITATION.INGEST:MAY CAUSE GI TRACT IRRITATION.INHAL:MAY CAUSE RESPIRATORY IRRITATION.
Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.
Effects of Overexposure:INGEST/INHAL:HIGH CONCENTRATIONS MAY PRODUCE A NARCOTIC EFFECT.
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING EYE,SKIN AND RESPIRATORY AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

First Aid

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH WATER.SEE PHYSICIAN.EYES:FLUSH WITH WATER FOR 15 MINUTES.SEE PHYSICIAN.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING.GET PROMPT QUALIFIEDMEDICAL ATTENTION.IF CONSCIOUS,GIVE LARGE QUANTITIES OF WATER.

Fire Fighting

Flash Point:NONE
Extinguishing Media:WATER MIST OR SPRAY.
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.
Unusual Fire/Explosion Hazard:MAY EXplode IF HEATED TO DECOMPOSITION.FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

Accidental Release

Spill Release Procedures:VENTILATE AREA.USE PROPER PROTECTIVE AND RESPIRATORY EQUIPMENT.COVER WITH SODIUM BICARBONATE;ADD WATER(IF NEEDED) TO MAKE SLURRY;ADD NEUTRALIZER(IF NEEDED UNTIL BUBBLING);SCOOP UP;WASH DOWN DRAIN WITH EXCESS WATER.WASH SPILL AREA W/SODA ASHSOLN.
Neutralizing Agent:SODA ASH,SODIUM BICARBONATE.

Handling

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM HEAT,SPARKS,FLAMES AND INCOMPATIBLE MATERIALS.
Other Precautions:FOLLOW LABEL DIRECTIONS.AVOID BREATHING DUST.AVOID SKIN AND EYE CONTACT.

Exposure Controls

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:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.
Work Hygienic Practices:EXECISE GOOD LABORATORY PRACTICES.WASH HANDS AFTER USE AND BEFORE EATING.
Supplemental Safety and Health
TOXICITY DATA FROM RTECS 93-3.

Chemical Properties

HCC:T6
Spec Gravity:1.4
pH:3.1@5%
Solubility in Water:COMPLETE
Appearance and Odor:SOLID;PINK OR LIGHT YELLOW.ODOR NOT REPORTED.

Stability

Stability Indicator/Materials to Avoid: YES
NITRIC ACID, SODIUM NITRITE.
Stability Condition to Avoid: HIGH HEAT.
Hazardous Decomposition Products: PHTHALIC ANHYDRIDE.

Disposal

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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