

DUO-MEDHALER

MSDS Number

BYDCN

National Stock Number

6505-00-071-7861

Product Name

DUO-MEDHALER

Manufacturer

3M CENTER

Product Identification

Product ID:DUO-MEDHALER

MSDS Date:02/17/1995

FSC:6505

NIIN:00-071-7861

MSDS Number: BYDCN

Responsible Party

3M CENTER

ST. PAUL , MN 55144-1000

US

Emergency Phone: 612-733-1110

Info Phone: 612-733-1110

Cage: 07884

Contractor

MINNESOTA MINING AND MFG CO 3M PHARMACEUTICAL

NORTHRIDGE, CA 91324-3298

US

818-709-3076

Cage: 04515

Ingredients

DICHLORODIFLUOROMETHANE (SARA 313) (CERCLA)

CAS: 75-71-8

RTECS: PA8200000

Fraction By Weight: 49%

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM; 9495

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

TRICHLOROFLUOROMETHANE (CFC-11) (SARA 313) (CERCLA)

CAS: 75-69-4

RTECS: PB6125000

Fraction By Weight: 24%

OSHA PEL1000 PPM

ACGIH TLV: C, 1000 PPM; 9495

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

DICHLOROTETRAFLUOROETHANE (SARA 313)

CAS: 76-14-2

RTECS: KI1101000

Fraction By Weight: 24%

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM; 9495

PHENYLEPHRINE BARBITURATE

CAS: 13998-27-1

Fraction By Weight: 0.4%

ISOPROTERENOL HYDROCHLORIDE

CAS: 51-30-9

RTECS: DO1925000

Fraction By Weight: 0.3%

Hazards

LD50 LC50 Mixture:TLV FOR PROPELLANT IS 1000PPM

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 OR FROSTBITE.SKIN:MAY CAUSE IRRITATION,RASHES OR FROSTBITE.INGEST:MAY CAUSE GI TRACT IRRITATION AND CNS EFFECTS.INHAL:MAY CAUSE RESPIRATORY IRRITATION,CNS IMPAIRMENT,DECREAS ED LUNG CAPACITY,CARDIAC SENSITIZATION AND INCREASED SENSATIVITY TO ADRENALIN.

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

Effects of Overexposure:INHAL:DIZZINESS,GIDDINESS,SHORTNESS OF BREATH,POSSIBLE NARCOSIS.PHENYLEPHRINE BARBITURATE MAY CAUSE INFLAMMATION OF MUCOUS MEMBRANES AND THROAT TIGHTNESS.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING CARDIOVASCULAR OR CENTRAL NERVOUS SYSTEM AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

First Aid

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING.GET PROMPT QUALIFIED MEDICAL ATTENTION.

Fire Fighting

Flash Point:NONE

Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.

Unusual Fire/Explosion Hazard:CONTAINERS MAY BURST AT ELEVATED TEMPERATURES.

Accidental Release

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION.USE PROPER RESPIRATORY AND PROTECTIVE EQUIPMENT.VENTILATE AREA.SOAK UP WITH A NON-COMBUSTIBLE INERT ABSORBANT(CLAY,SAND);PLACE IN PROPER CONTAINER FOR DISPOSAL.
Neutralizing Agent:NOT APPLICABLE.

Handling

Handling and Storage Precautions:STORE AT TEMPERATURES BELOW 120F.FOLLOW LABEL DIRECTIONS.
Other Precautions:AVOID SKIN AND EYE CONTACT.DO NOT INHALE VAPORS/MISTS.

Exposure Controls

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A NIOSH/MSHA APPROVED RESPIRATOR FOR HEAVY PROPELLANT MISTS.
Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATION TO CONTROL DUST AND FUMES.
Protective Gloves:PVC GLOVES.
Eye Protection:SAFETY 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
NDC00089-0732-11.

Chemical Properties

HCC:V2
Boiling Pt:=-30.C, -22.F
Vapor Pres:3619
Vapor Density:6.3
Solubility in Water:LIMITED
Appearance and Odor:AEROSOL.LIQUID IS A WHITE SUSPENSION.ODOR NOT REPORTED.
Percent Volatiles by Volume:98

Stability

Stability Indicator/Materials to Avoid:YES
NONE SPECIFIED BY MANUFACTURER.
Stability Condition to Avoid:HIGH HEAT.
Hazardous Decomposition Products:HCL,HF,CARBONYL FLUORIDES.

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.ITEM CAN BE DISPOSED OF IN A SANATARY LANDFILL OR INCINERATED BY MIXING WITH A FLAMMABLE MATERIAL IN A FACILITY CAPABLE OF HANDLING AE ROSOL CONTAINERS;COMBUST PRODS INCLUDE HCL AND HF.

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