

3M GENERAL OFFICES -- HX-752 DYNAMAR BRAND CURATIVE

MSDS Safety Information

FSC: 8030
MSDS Date: 11/10/1993
MSDS Num: BXZLQ
LIIN: 00N000402
Product ID: HX-752 DYNAMAR BRAND CURATIVE
MFN: 02
Responsible Party
Cage: IBY21
Name: 3M GENERAL OFFICES
Address: 3M CENTER
City: ST PAUL MN 55144-1000
Info Phone Number: 612-733-1110
Emergency Phone Number: 612-733-1110
Published: Y

Contractor Summary

Cage: 76381
Name: 3M GENERAL OFFICES
Address: 3M CENTER BLDG 224-5S-04
City: ST PAUL MN 55144-1000
Phone: 1-800-364-3577; 651-737-6501
Cage: IBY21
Name: 3M GENERAL OFFICES,ENGINEERING DOCUMENT SYSTEM DIV
Address: 3M CTR
City: ST PAUL MN 55144-1000
Phone: 612-733-1110

Ingredients

- Name: ING 5:INDIVIDUAL INGREDIENTS IN PROD & ARE REQD TO BE INCLD ON MSDA BY U.S. OSHA HAZ COMMUNICATION STD, THEY ARE
Name: ING 6:NOT EXPECTED EFFECTS DURING FORESEEABLE USE OF PROD. SINGLE OVEREXP, ABOVE REC GUIDELINES, MAY CAUSE:CARDIAC
Name: ING 7:SENSIT:SUDDEN HEART STOPPAGE DUE TO REFLEX EFT ON NERVES WHICH CTL HEART. THIS EFT USUALLY OCCURS ONLY
Name: ING 8:AFTER INHAL OF CONC VAPS SUCH AS IN INTENTIONAL ABUSIVE SNIFFING OF CERTAIN SOLVS & PROPELLANTS. INGEST:
Name: ING 9:INGEST MAY CAUSE:ASPIR PNEUM:SIGNS/SYMPs CAN INCL COUGHING UP BLOOD & PNEUM, WHICH CAN BE FATAL. SIMILAR
Name: ING 10:PROD WAS FOUND TO GIVE POS RSLTS FOR MUTAGENICITY IN AMES, YEAST & SISTER CHROMATID EXCHANGE ASSAYS. ST OF
Name: ING 11:CA HAS DETER OVEREXP TO TOLUENE DURING PREGNANCY MAY CAUSE BIRTH DEFECTS. 3M PROD TOX SUMMARY SHEET IS AVAIL.
Name: FIRST AID PROC:CALL PHYS IMMED. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON.
Name: SPILL RELEASE:RECOMMENDATIONS FOR CLEANUP SOLVENT. PLACE IN U.S. DOT-APPRVD CNTNR & SEAL.
Name: WASTE DISP METH:AUTH BEFORE DISP. IN EVENT OF UNCONTROLLED RELEASE OF THIS MATL, USER SHOULD DETERM IF RELEASE
Name: ING 15:QUALIFIES AS REPORTABLE QTY. U.S. EPA HAZ WASTE NUMBER = D003

(REACTIVE).

 Name: VENT:IS NOT ADEQUATE; USE NIOSH/MSHA APPROVD APPROPRIATE RESPIRATORY PROTECTION.

Cas: 7652-64-4
 RTECS #: CM7895000
 Name: AZIRIDINE,1,1'-ISOPHTHALOYLBI(2-METHYL-;
 (1,1'-(1,3-PHENYLENEDICARBONYL)BI(2-METHYL-AZIRIDINE)). % (WT):97.5-99.0
 % Wt: <99
 OSHA PEL: N/K (FP N)
 ACGIH TLV: N/K (FP N)

Cas: 108-88-3
 RTECS #: XS5250000
 Name: TOLUENE (SARA 313) (CERCLA)
 % Wt: 0.5-2.5
 OSHA PEL: 200 PPM; Z-2
 ACGIH TLV: S, 50 PPM
 EPA Rpt Qty: 1000 LBS
 DOT Rpt Qty: 1000 LBS

Cas: 1330-20-7
 RTECS #: ZE2100000
 Name: XYLENE (SARA 313) (CERCLA)
 % Wt: 0-0.5
 OSHA PEL: 100 PPM
 ACGIH TLV: 100 PPM/150STEL
 EPA Rpt Qty: 1000 LBS
 DOT Rpt Qty: 1000 LBS

Name: SUPDAT:KIDNEY EFTS:SIGNS/SYMPS CAN INCL REDUCED URINE FLOW, BLOOD IN URINE & BACK PAIN. LIVER EFTS:SIGNS/SYMPS
 OSHA PEL: N/K (FP N)
 ACGIH TLV: N/K (FP N)

Name: ING 4:CAN INCL YELLOW SKIN(JAUNDICE) & TENDERNESS OF UPPE ABDOMEN. WHILE FOLLOWING EFTS ARE ASSOC W/1 OR MORE OF

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 Health Hazards Data
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LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: TOLUENE APPEARS ON NAVY LIST OF OCCUP CHEM REPROD HAZS. SEEK CONSULTATION FROM APPROP HLTH PROFESSIONALS CONCERNING LATEST HAZ LIST INFO & SAFE HNDLG & EXPOS INFO (FP N). ACUTE:EYE:MOD IRRIT:SIGNS/SYMPS CAN INCL REDNESS, SWELLING, PAIN, TEA RING, & HAZY VISION. SKIN:MILD IRRIT:SIGNS/SYMPS CAN INCL (EFFECTS OF OVEREXP)

Explanation Of Carcinogenicity: NOT RELEVANT.

Signs And Symptions Of Overexposure: HLTH HAZ:REDNESS, SWELLING, & ITCHING. MAY BE ABSORB THRU SKIN. INHAL:INTENTIONAL CONC & INHAL MAY BE HARMFUL/FATAL. SINGLE OVEREXP, ABOVE REC GUIDELINES, MAY CAUSE:NERV SYS EFTS:SIGNS/SYMPS CAN INCL EMOTIONAL CHANGES, LACK OF COORD, TREMOR S & SENSORY LOSS. CNS DEPRESS:SIGNS/SYMPS CAN INCL HDCH, DIZZ, DROW, (SUPDAT)

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: EYE:IMMED FLUSH W/LG AMTS OF WATER FOR @ LEAST 15 MINS. GET IMMED MED ATTN. SKIN:IMMED FLUSH W/LG AMTS OF WATER. REMOVE CONTAMD CLTHG. IF IRRIT PERSISTS, CALL PHYS. WASH CONTAMD CLTHG BEFORE REUSE. IMMED WASH AFFECTED AREA W/SOAP & WATER. I NHAL:IF SIGNS/SYMPS OCCUR, REMOVE PERSON TO FRESH AIR. IF SIGNS/SYMPS CONTINUE, CALL PHYS. INGEST:DO NOT INDUCE VOMIT. GIVE VICTIM 2 GLASSES OF WATER.

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Handling and Disposal
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Spill Release Procedures: OBSERVE PREC FROM OTHER SECTIONS. VENT AREA. EXTING ALL IGNIT SOURCES. CNTN SPILL. COVER W/INORG ABSORB MATL. COLLECT SPILLED MATL. CLEAN UP RESIDUE W/APPROP SOLV SUCH AS METHYL ETHYL KETONE. EXTING ALL IGNIT SOURCES & VENT AREA. FOLLOW MSD S

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: INCIN IN PERMITTED HAZ WASTE INCIN IN PRESENCE OF COMBUST MATL. DO NOT MIX SCRAP CNTNG PROD W/WASTES CNTNG AMINES, ACIDS, ACID CHLORIDES, & HALOGENATED MATLS. SPILLS-DILUTE W/APPROP SOLV. SINCE REGS VARY, CONSULT APPLIC FED, ST & LOC REGS/

Handling And Storage Precautions: AVOID EYE & SKIN CONT. AVOID INHAL OF AIRBORNE MATL. STORE AWAY FROM AREAS WHERE PROD MAY COME INTO CONT W/FOOD PHARMACEUTICALS.

Other Precautions: STORE @ TEMPS BELOW 0 DEG F(-18 DEG C). STORE OUT OFDIRECT SUNLIGHT. KEEP OUT OF REACH OF CHILDREN. KEEP CONTAINER TIGHTLYCLOSED.

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Fire and Explosion Hazard Information
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Flash Point Method: SCC

Flash Point Text: >230F,>110C

Extinguishing Media: WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures: USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N). WEAR FULL PROT CLTHG, INCLDG HELMET, BUNKER COAT & PANTS, BANDS AROUND ARMS, (SUPDAT)

Unusual Fire/Explosion Hazard: CARBON MONOXIDE & CARBON DIOXIDE, OXIDES OF NITROGEN, TOXIC VAPORS, GASES OR PARTICULATES.

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Control Measures
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Respiratory Protection: SELECT 1 OF FOLLOWING NIOSH/MSHA APPRVD RESPS BASED ON AIRBORNE CONC OF CONTAMS & I/A/W OSHA REGS:HALF-MASK DEMAND SCFA, FULL-FACE PRESS DEMAND SCBA.

Ventilation: USE W/APPROP LOC EXHAUST. PROVIDE SUFFICIENT VENT TO MAINTAIN EMISSIONS BELOW REC EXPOS LIMS. IF EXHAUST VENT

Protective Gloves: BUTYL RUBBER GLOVES.

Eye Protection: ANSI APPRVD CHEM WORK GOGGLES (FP N).

Other Protective Equipment: EYE WASH FOUNTAIN AND DELUGE SHOWER MEETING ANSI DESIGN CRITERIA (FP N).

Work Hygienic Practices: DO NOT EAT, DRINK/SMOKE WHEN USING THIS PROD. WASH EXPOS AREAS THORO W/SOAP AND WATER.

Supplemental Safety and Health: VP:<2 CALC @ R.T. FIRE FIGHT PROC:WAIST & LEGS, FACE MASK, & PROT COVERING FOR EXPOS AREAS OF HEAD. EFTS OF OVEREXP:INCOORD, SLOWED RXN TIME, SLURRED SPEECH, GIDD & UNCON. IRRIT (UPPER RESP):SIGNS/SYMPs CAN INCL SORENESS OF NOSE & THROAT, COUGHING & SNEEZING. PRLNGD/RPTD OVEREXP, ABOVE REC GUIDELINES, MAY CAUSE:

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Physical/Chemical Properties
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Vapor Pres: SUPDAT

Vapor Density: 3.5

Spec Gravity: 1.1 WATER=1

Evaporation Rate & Reference: NOT KNOWN

Solubility in Water: NEGLIGIBLE

Appearance and Odor: CLEAR TO PALE AMBER LIQUID.

Percent Volatiles by Volume: <3
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Reactivity Data
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Stability Indicator: NO

Stability Condition To Avoid: HEATING IN BULK OVER 130F MAY CAUSE EXOTHERMIC POLYMERIZATION. STORE @ 0F/BELOW TO MAINTAIN PRODUCT QUALITY.

Materials To Avoid: STRONG ACIDS, AMINES.

Hazardous Decomposition Products: CARBON MONOXIDE & CARBON DIOXIDE, OXIDES OF NITROGEN, TOXIC VAPORS, GASES OR PARTICULATES.

Hazardous Polymerization Indicator: YES
Conditions To Avoid Polymerization: HEAT (>130F). SMOKE AND TOXIC FUMES MAY BE GIVEN OFF.

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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HAZCOM Label
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Product ID: HX-752 DYNAMAR BRAND CURATIVE
Cage: IBY21
Company Name: 3M GENERAL OFFICES,ENGINEERING DOCUMENT SYSTEM DIV
Street: 3M CTR
City: ST PAUL MN
Zipcode: 55144-1000
Health Emergency Phone: 612-733-1110
Label Required IND: Y
Date Of Label Review: 06/07/1995
Status Code: C
Label Date: 06/07/1995
Origination Code: G
Chronic Hazard IND: Y
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: WARNING
Respiratory Protection IND: YES
Health Hazard: Moderate
Contact Hazard: Slight
Fire Hazard: Slight
Reactivity Hazard: None

Hazard And Precautions: COMBUSTIBLE. ACUTE:EYE:MOD IRRIT:SIGNS/SYMPS CAN INCL REDNESS, SWELLING, PAIN, TEARING, & HAZY VISION. SKIN:MILD IRRIT:SIGNS/SYMPS CAN INCL REDNESS, SWELLING & ITCHING. MAY ABSORB THRU SKIN. INHAL:MAY AFFECT NERVOUS SYSTEM. MAY CAUSE CNS DE PRESSION. MAY CAUSE IRRITATION OF UPPER RESPIRATORY SYSTEM. MAY AFFECT LIVER & KIDNEYS. INGEST:ASPIRATION INTO LUNGS MAY BE FATAL. CHRONIC:TOLUENE APPEARS ON THE NAVY OCCUPATIONAL CHEMICAL REPRODUCTIVE HAZARDS LIST (FP N).

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