

3M CENTER, PERSONAL CARE PRODU -- ULTRATHONTM SPRAY INSECT REPELLENT CAT 632 (A

MSDS Safety Information

FSC: 6840

NIIN: 01-309-3890

MSDS Date: 04/11/1995

MSDS Num: BSHXB

Product ID: ULTRATHONTM SPRAY INSECT REPELLENT CAT 632 (AEROSOL)

MFN: 01

Responsible Party

Cage: 2Y823

Name: 3M CENTER, PERSONAL CARE PRODUCTS DIV

Address

Address: 3M CENTER

City: ST. PAUL MN 55144-1000

Info Phone Number: 612-733-1110

Emergency Phone Number: 612-733-1110

Review Ind: Y

Published: Y

Preparer Co. when other than Responsible Party Co.

Cage: 2Y823

Name: MINNESOTA MINING & MFG CO PERSONAL HEALTH CARE MED/SURG MKTS

Address: 3M CTR

City: SAINT PAUL MN 55144-1000

Contractor Summary

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Cage: 2Y823

Name: MINNESOTA MINING & MFG CO PERSONAL HEALTH CARE MED/SURG MKTS

Address: 3M CTR

City: SAINT PAUL MN 55144-1000

Phone: 612-737-4114/ 612-737-4380

Cage: 76381

Name: MINNESOTA MINING AND MFG CO, DBA 3M

Address: 3M CENTER BLDG 224-5S-04

City: SAINT PAUL MN 55144-1000

Phone: 866-556 5712 / 612-733-1110

Item Description Information

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Item Manager: S9G

Item Name: INSECT REPELLENT,CLOTHING AND PERSONAL APPLICATION

Specification Number: UNKNOWN

Unit of Issue: CN

Quantitative Expression: 00000000006OZ

UI Container Qty: 1

Type of Container: CAN,AEROSOL

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Ingredients

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Cas: 67-63-0

RTECS #: NT8050000

Name: ISOPROPYL ALCOHOL (SARA 313)

% Wt: 15-40

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 400 PPM

ACG

IH TLV: 400 PPM/500STEL;9495

Cas: 75-28-5

RTECS #: TZ4300000

Name: ISOBUTANE

% Wt: 15-40

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Cas: 134-62-3

RTECS #: XS3675000

Name: N,N-DIETHYL-META-TOLUAMIDE

% Wt: 10-30

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Cas: 70425-89-7

Name: ACRYLATE TERPOLYMER

% Wt: 3.0-7.0

Other RE

C Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Name: FRAGRANCE P7510

% Wt: 1-5

Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

RTECS #: 9999999VO

Name: VOLATILE ORGANIC CONTENT, 800G/LITER.

Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

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Health Hazards Data
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LD50 LC50 Mixture: UNKNOWN

Route Of Entry Inds - Inhalation: YES

Skin: NO

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: EYE:MODERATE IRRIT. SKIN:PRACTICALLY NON-TOXIC.

INHAL:ILLNESS MAY OCCUR AFT SINGLE OVEREXPO BY INHAL TO RELATIVELY LG
QUANTITIES OF THIS MATL. INGEST:SWALLOWING RELATIVELY LG AMT OF MATL IS
UNLIKELY T O PRODUCE SERIOUS ILLNESS OR DEATH. ON RARE OCCASIONS CHILDREN
HAVE HAD RXS CHARACTERIZE

D BY DIARR,VOMIT FRM GROSS(SUPP)

Explanation Of Carcinogenicity: NO

Signs And Symptions Of Overexposure: EYE:REDNESS, SWELLING, PAIN, TEARING, HAZY
VISION. INHAL:ILLNESS.

Medical Cond Aggravated By Exposure: ON RARE OCCASIONS CHILDREN HAVE HAD
REACTIONS CHARACTERIZED BY DIARRHEA AND VOMITING FROM GROSS OVEREXPOSURE.

First Aid: EYE:IMMED FLUSH W/LG AMTS OF WATER.GET IMMED MED ATTN.

SKIN:DISCONTINUE USE IF IRRIT OCCURS. INHAL:NO NEED FOR 1ST AID IS
ANTICIPATED. INGEST:DRINK 2 GLASSES OF WA

TER.CALL PHYSICIAN.

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Handling and Disposal
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Spill Release Procedures: OBSERVE PRECAUTIONS FRM OTHER SECTIONS.IF CAN RUPTURE:EXTINGUISH ALL IGN SOURCES.VENTILATE.COVER W/LIGHTWATER OR OTHHR AFFFTYP FIREFIGHTING FOAM.COVER W/ABSORBENT MATL.COLLECT SPILLED MATL.PLACE IN APPROVED METAL CONTAINER & SEAL.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: MI

X W/FLAMM MATL & INCINERATE IN PERMITTED HAZ

WASTE INCINERATOR.FACILITY MUST BE CAPABLE OF HNDLG AEROSOL CANS.SINCE REGS VARY CONSULT APPLICABLE REGULATIONS OR AUTHORITIES BEFORE DISPOSAL.US EPA HAZ WASTE NO:DOO1(IGNITABLE).

Handling And Storage Precautions: STORE IN COOL PLACE. STORE AWAY FROM HEAT.

KEEP AWAY FRM HEAT/SPARKS/OPEN FLAME/OTHER IGN SOURCES.DO NOT PIERCE/BURN CONTNR EVEN AFT USE.

Other Precautions: DO NOT SPRAY NEAR FLAME OR INCANDESCENT MATL. DO NOT USE ON RAYON,

ACETATE OR DYNEL CLOTHING. FOLLOW INSTRUCTIONS ON PRODUCT LABEL.

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Fire and Explosion Hazard Information
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Flash Point Method: TCC

Flash Point Text: -75F,-59C

Extinguishing Media: WATER SPRAY,CARBON DIOXIDE,DRY CHEMICAL,FOAM,ALCOHOL-TYPE FOAM.CLASS IA FLAMM LIQ.WATER MAY NOT EFFECTIVELY EXT FIRE.

Fire Fighting Procedures: WEAR FULL PROT CLOTH INCLUDING

HELMET,SELF-CONTAINED,+PRESS/PRE

SS DEMAND BREATH APPARATUS,BUNKER

COAT/PANTS,ARMS/WAIST/LEGS BANDS,FACEMASK,PROT HEADCOVER.(SUPP)

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Control Measures
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Eye Protection: AVOID EYE CONTACT.

Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices: FOLLOW INSTRUCTIONS ON THE PRODUCT LABEL.

Supplemental Safety and Health: PH:7.7-8.3;VISC:CENIPOISE BROOKFIELD.

FIREFIGHTING PROC:WATER SHOULD BE U

SED TO KEEP FIREEXPO CNTNS/SURFACES &

COOL/PREVENT EXPLO RUPTURE.FOR LEAKS/SPILLS WHICH HAVE NOT IGN WATERSPRAY CAN BE USED TO DISPERSE FLAMM VAP/PROT PERSONNEL ATTEMPTING TO STOP LEAK. HEALTH HAZ:OVEREXPO TO DEET(ACTIVE INGRED).

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Physical/Chemical Properties
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HCC: V3

B.P. Text: 10F,-12C

Vapor Pres: 37.3-45.7

Spec Gravity: 0.8585

PH: SUPPLE

Viscosity: 8.5-1.5 (SUP)

Solubility

in Water: NIL

Appearance and Odor: AEROSOL, ALCOHOL DEET ODOR/LIGHT YELLOW COLOR.

Percent Volatiles by Volume: >90

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: HEAT

Materials To Avoid: HEAT

Hazardous Decomposition Products: OXIDES OF NITROGEN, CARBON MONOXIDE AND CARBON DIOXIDE. CARBON OXIDES FORMED WHEN BURNED.

Hazardous Polymerization Indicator: NO

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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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Transportation Information
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Responsible Party Cage: 2Y823

Trans ID NO: 124176

Product ID: ULTRATHONTM SPRAY INSECT REPELLENT CAT 632 (AEROSOL)

MSDS Prepared Date: 04/11/1995

Review Date: 10/03/1995

MFN: 1

Tec

h Entry NOS Shipping Nm: AEROSOLS, FLAMMABLE, N.O.S. (ISOPROPYL ALCOHOL, ISOBUTANE).

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: CN

Container QTY: 1

Type Of Container: CAN,AEROSOL
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Detail DOT Information
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DOT PSN Code: AGC

DOT Proper Shipping Name: AEROSOLS, FLAMMABLE,

DOT PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)

Hazard Class: 2.1

UN ID Num: UN1950

Label: FLAMMABLE GAS

Special Provision: N82
Non Bulk Pack: NONE
Bulk Pack: NONE
Max Qty Pass: 75 KG
Max Qty Cargo: 150 KG
Vessel Stow Req: A
Water/Ship/Other Req: 40,48,85

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Detail IMO Information
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IMO PSN Code: AKD
IMO Proper Shipping Name: AEROSOLS o
IMDG Page Number: 2102
UN Number: 1950
UN Hazard Class: 2(T)
IMO Packaging Group: -
Subsidiary Risk Label: T
EMS Number: 2-13
MED First Aid Guide NUM: 620

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Detail IATA Information
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IATA PSN Code: ALS
IATA UN ID Num: 1950
IATA Proper Shipping Name: AEROSOLS, FLAMMABLE
IATA PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)
IATA UN Class: 2.1
IATA Label: FLAMMABLE GAS
Packing Note Passenger: 203
Max Quant Pass: 75KG
Max Quant Cargo: 150KG
Packaging Note Cargo: 203

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Detail AFI Information
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AFI PSN Code: ALR
AFI Symbols: *
AFI Proper Shipping Name: AEROSOLS, FLAMMABLE, N.O.S.
AFI PSN Modifier: (EACH NOT EXCEEDING 1L CAPACITY)
AFI Hazard Class: 2.1
AFI UN ID NUM: UN1950
Special Provisions: P4
Back Pack Reference: A6.3

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HAZCOM Label
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Product ID: LABEL COVERED UNDER EPA REGS - HAZCOM LABEL NOT AUTHORIZED
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