

MILES LABORATORIES -- CUTTER INSECT REPELLENT SPRAY  
MATERIAL SAFETY DATA SHEET

FSC: 6840

NIIN: 010039590

Manufacturer's CAGE: 62801

Part No. Indicator: A

Part Number/Trade Name: CUTTER INSECT REPELLENT SPRAY

---

---

General Information

---

---

Company's Name: MILES LABORATORIES,INC

Company's Street: 7123 W 65TH ST

Company's City: CHICAGO

Company's State: IL

Company's Country: US

Company's Zip Code: 60638-4605

Record No. For Safety Entry: 001

Tot Safety Entries This Stk#: 006

Date MSDS Prepared: 01JAN87

Safety Data Review Date: 02AUG87

MSDS Serial Number: BBDXM

Hazard Characteristic Code: J7

---

---

Ingredients/Identity Information

---

---

Proprietary: NO

Ingredient: N,N-DIETHYL-META-TOLUAMIDE,CAS#134-62-3

Ingredient Sequence Number: 01

Percent: 17.1

NIOSH (RTECS) Number: XS3675000

CAS Number: 134-62-3

-----  
Proprietary: NO

Ingredient: OTHER ISOMERS (O,P),CAS#2728-4-3;CAS#2728-5-4-RTEC NO.

CORRESPONDS TO CAS#2728-4-3

Ingredient Sequence Number: 02

Percent: 0.9

NIOSH (RTECS) Number: XS3850000

CAS Number: 2728-04-3

-----  
Proprietary: NO

Ingredient: DIMETHYL PHTHALATE,CAS#131-11-3

Ingredient Sequence Number: 03

Percent: 12.0

NIOSH (RTECS) Number: TI1576000

ACGIH TLV: 5MG/CM(ACGIH)

---

Proprietary: NO

Ingredient: DI-N-PROPYL ISOCINCHOMERONATE, CAS#136-45-8

Ingredient Sequence Number: 04

Percent: 1.0

NIOSH (RTECS) Number: US8000000

CAS Number: 136-45-8

---

Proprietary: NO

Ingredient: N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE, CAS#113-48-4

Ingredient Sequence Number: 05

Percent: 1.0

NIOSH (RTECS) Number: RB8575000

CAS Number: 463-04-7

---

---

#### Physical/Chemical Characteristics

---

---

Appearance And Odor: LIGHT AMBER LIQUID W. ODOR OF ISOPROPANOL

Boiling Point: 180F,82C

Vapor Pressure (MM Hg/70 F): 40

Vapor Density (Air=1): 2.1

Specific Gravity: 0.993

Evaporation Rate And Ref: 1 (IPA=1)

Solubility In Water: COMPLETE

Percent Volatiles By Volume: 63

---

---

#### Fire and Explosion Hazard Data

---

---

Flash Point: 140F,60C,TOC

Lower Explosive Limit: 2.0

Upper Explosive Limit: 12.0

Extinguishing Media: CO\*2,FOAM

Special Fire Fighting Proc: SM FIRE:CO\*2,DRY CHEM;LIG FIRE:ALC.TYPE

FOAM-KEEP CONT. COOL

Unusual Fire And Expl Hazrds: AT TEMP. OVER 130F,CONT. MAY VENT,RUPTURE,  
BURST

---

---

#### Reactivity Data

---

---

Stability: YES

Cond To Avoid (Stability): AVOID TEMPS ABOVE 120F;AVOID FIRE,OPEN FLAME

Materials To Avoid: MAY SOFTEN/DAMAGE SYNTHETICS LIKE RAYON;MAY  
DAMAGE LEATHER.

Hazardous Decomp Products: NONE NOTED,BUT EXPECT CO, CO\*2, H\*2O.

Hazardous Poly Occur: NO

---

---

Health Hazard Data

---

---

Signs/Symptoms Of Overexp: MAY CAUSE SKIN REACTION IN RARE CASES.  
Emergency/First Aid Proc: EYE CONTACT:FLUSH WITH COPIOUS AMOUNTS OF WATER, IF IRRITATION PERSISTS,CONSULT A PHYSICIAN;IF SWALLOWED, CONTACT A PHYSICIAN.

---

---

Precautions for Safe Handling and Use

---

---

Steps If Matl Released/Spill: REMOVE IGNITION SOURCES, VENTILATE AREA WELL. ABSORB WITH VERMICULITE OR OTHER MATERIALS, SUCH AS SAWDUST, RAGS, PAPER & PLACE IN CLOSED CONTAINER. USE NON SPARKING TOOLS. WEAR PROPER PROTECTIVE EQUIPMENT DURING CLEAN UP.

Waste Disposal Method: DO NOT PUNCTURE OR INCINERATE CONTAINER, GIVE TO DISPOSAL SERVICE-DISPOSE OF IAW LOCAL, STATE & FEDERAL REGULATIONS.

Precautions-Handling/Storing: STORE IN COOL, DRY WELL VENTED LOW FIRE RISK AREA. PROTECT FROM HEAT, SHOCK, FRICTION. KEEP CONTAINERS CLOSED.

Other Precautions: DO NOT EXPOSE TREATED SKIN TO FIRE, SPARKS OR FLAME UNTIL LIQ. HAS EVAP-APPLY ONLY TO SKIN OR CLOTHING, DO NOT INGEST, KEEP OUT OF EYES.

---

---

Control Measures

---

---

Respiratory Protection: NONE SHOULD BE NEEDED

Ventilation: NORMAL ROOM VENTILATION.

Protective Gloves: AS REQUIRED

Eye Protection: AS REQUIRED

Other Protective Equipment: NONE

Suppl. Safety & Health Data: MSDS DATED 10-21-85/OTHER INGRED:HYDROCARBON PROPELLANT;INERT INGREDIENTS/MFR STATES PRODUCT IS NON-FLAMMABLE/

---

---

Transportation Data

---

---

Trans Data Review Date: 87214

DOT PSN Code: DQH

DOT Proper Shipping Name: COMPRESSED GASES, FLAMMABLE, N.O.S.

DOT Class: 2.1

DOT ID Number: UN1954

DOT Label: FLAMMABLE GAS

IMO PSN Code: EQB

IMO Proper Shipping Name: COMPRESSED GAS, FLAMMABLE, N.O.S.

IMO Regulations Page Number: 2124

IMO UN Number: 1954

IMO UN Class: 2(2.1)  
IMO Subsidiary Risk Label: -  
IATA PSN Code: HDE  
IATA UN ID Number: 1954  
IATA Proper Shipping Name: COMPRESSED GAS, FLAMMABLE, N.O.S. \*  
IATA UN Class: 2.1  
IATA Label: FLAMMABLE GAS  
AFI PSN Code: HDO  
AFI Prop. Shipping Name: COMPRESSED GAS, N.O.S.  
AFI Class: 2.2  
AFI ID Number: UN1956  
AFI Label: NON-FLAMMABLE GAS  
AFI Basic Pac Ref: 6-6,6-8,6-10  
N.O.S. Shipping Name: MFR STATES CONTAINS HYDROCARBON PROPELLANT  
Additional Trans Data: MFR STATES PRODUCT IS NON-FLAMMABLE

---

---

Label Data

---

---

Label Required: NO \*  
Label Status: X \*  
Common Name: LABEL COVERED UNDER EPA REGS - HAZCOM LABEL NOT AUTHORIZED \*

---

---

URL for this msds <http://siri.org>. If you wish to change, add to, or delete information in this archive please sent updates to [dan@siri.org](mailto:dan@siri.org).