

KAFKO INTERNATIONAL LTD -- RAIN AWAY

=====
MSDS Safety Information
=====

FSC: 6850
NIIN: 00-139-5297
MSDS Date: 02/12/1996
MSDS Num: CKSTJ
Product ID: RAIN AWAY
MFN: 01
Responsible Party
Cage: 9J593
Name: KAFKO INTERNATIONAL LTD
Address: 3555 W. HOWARD STREET
City: SKOKIE IL 60076-4012
Info
Phone Number: 847-763-0333
Emergency Phone Number: 847-763-0333
Chemtrec IND/Phone: (800)424-9300
Proprietary Ind: Y
Review Ind: Y
Published: Y

=====
Contractor Summary
=====

Cage: 9J593
Name: KAFKO INTERNATIONAL LTD
Address: 3555 W. HOWARD STREET
City: SKOKIE IL 60076-4012
Phone: 847-763-0333
Contract Number: SP0450-00-M-SA70
Cage: 9J593
Name: KAFKO INTERNATIONAL LTD
Address: 3555 W. HOWARD STR
EET
City: SKOKIE IL 60076-4012
Phone: 847-763-0333
Contract Number: SP0450-01-M-ZB37

=====
Item Description Information
=====

Item Manager: S9G
Item Name: RAIN REPELLENT,WINDSHIELD
Specification Number: MIL-W-6882F
Type/Grade/Class: NONE
Unit of Issue: BT
Quantitative Expression: 00000000008OZ
UI Container Qty: G
Type of Container: BOTTLE

=====
In

gredients

=====
Name: *** PROPRIETARY ***

=====

=====
Health Hazards Data
=====

Signs And Symptions Of Overexposure: CONTACT WITH EYES WILL CAUSE IRRITATION. PROLONGED CONTACT WITH SKIN MAY CAUSE DRYING. EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL IRRITATION, DIZZINESS, WEAKNESS, NAUSEA, HEADACHE AND A NARCOTIC REACTION. IF SWALLOWED, MAY CAUSE STOMACH CRAMPS, NAUSEA, VOMITING AND/OR DIARRHEA.

First Aid: FOR EYE CONTACT, FLUSH WITH COPIOUS AMOUNTS OF WATER. FOR PROLONGED SKIN CONTACT, WASH WITH SOAP AND WATER AND APPLY SKIN CREAM/LUBRICATING OINTMENT. FOR INHALATION, REMOVE TO FRESH AIR. IF SWALLOWED, DRINK WATER AND INDUCE VOMITING. FOR ANY EMERGENCY, OBTAIN MEDICAL ATTENTION. CLOTHING SOAKED WITH PRODUCT SHOULD BE CHANGED IMMEDIATELY.

=====
Handling and Disposal
=====

Spill Release Procedures: USE APPROPRIATE SAFETY EQUIPMENT. USE ABSORBENT MATERIAL TO COLLECT AND CONTAIN FOR DISPOSAL. CONTAIN LARGE SPILLS AND PUMP INTO A SUITABLE TANK OR VESSEL. WASH AREA WITH DETERGENT SOLUTION AND RINSE THOROUGHLY WITH WATER.

Waste Disposal Methods: ALL LOCAL, STATE AND FEDERAL REGULATIONS CONCERNING HEALTH AND POLLUTION SHOULD BE REVIEWED TO DETERMINE APPROVED DISPOSAL PROCEDURES.

Handling And Storage Precautions: STORE IN WELL VENTILATED AREAS AT

TEMPERATURES BELOW 120F AND AWAY FROM ANY IGNITION SOURCE. SINCE EMPTIED CONTAINERS MAY RETAIN PRODUCT RESIDUES (VAPOR, LIQUID AND/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN THIS DATA SHEET MUST BE OBSERVED.

Other Precautions: NFPA: HEALTH HAZARD-1 (SLIGHTLY HAZARDOUS); FLAMMIBILITY-3 (BELOW 100 DEG. F); REACTIVITY-0 (STABLE).

=====
Fire and Explosion Hazard Information
==
=====

Flash Point Method: TOC

Flash Point: =18.3C, 65.F

Lower Limits: UNDETERMINED

Upper Limits: UNDETERMINED

Extinguishing Media: USE CARBON DIOXIDE OR DRY CHEMICAL ON SMALL FIRES. USE FOAM (ALCOHOL, POLYMER OR ORDINARY) AND WATER SPRAY FOR LARGE FIRES.

Fire Fighting Procedures: USE SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard: KEEP FIRE-EXPOSED CONTAINERS COOL WITH WATER. VAPORS ARE HEAVIER THAN

AIR AND MAY TRAVEL ALONG THE GROUND; THEY MAY THEN BE
IGNITED BY FLAMES, SPARKS OR OTHER IGNITION SOURCES AT LOCATIONS DISTANT FROM THE MATERIAL HANDLING POINT.

=====
Control Measures
=====

Respiratory Protection: WHEN HANDLING OR TRANSFERRING LARGE QUANTITIES OF OPEN OR BULK MATERIAL IN AN ENCLOSED ROOM, USE SELF-CONTAINED BREATHING APPARATUS.

Ventilation: PROVIDE SUFFICIENT AMBIENT OR MECHANICAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW TLV. PROVIDE SCBA WHEN HANDLING DRUM QUANTITIES IN AN ENCLOSED AREA.

Protective Gloves: RUBBER GLOVES.

Eye Protection: CHEMICAL WORKER'S GOGGLES AND FACE SHIELD ARE RECOMMENDED.

Other Protective Equipment: CLEAN, BODY-COVERING CLOTHING. FOR DRUM QUANTITIES, BOOTS & APRON DEPENDING UPON THE LIKELY EXPOSURE OR AS REQUIRED BY COMPANY REGULATIONS. EYE FOUNTAIN & SAFETY SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices: CLOTHING SOAKED WITH PRODUCT SHOULD BE CHANGED IMMEDIATELY.

Supplemental Safety and Health: TRADE NAME: RAIN AWAY. PRODUCT DESCRIPTION: RAIN REPELLANT (WINDSHIELD).

=====
Physical/Chemical Properties
=====

HCC: F2

Boiling Point: =77.8C, 172.F

Vapor Pres: 33

Vapor Density: >1

Spec Gravity: 0.800

Evaporation Rate & Reference: 1.5

Solubility in Water: SOLUBLE

Appearance and Odor: CLEAR, COLORLESS LIQUID; ALCOHOL ODOR.

Percent Volatiles by Volume: 91 TYPICAL

=====
Reactivity Data
=====

Stability Indicator: YES

Stability Condition To Avoid: EXCESS HEAT, SPARKS, FLAMES.

Materials To Avoid: STRONG OXIDIZING MATERIALS, ALDEHYDES, HALOGENS AND CONCENTRATED MINERAL ACIDS.

Hazardous Decomposition Products: THERMAL DECOMPOSITION OR BURNING MAY PRODUCE CARBON MONOXIDE AND/OR CARBON DIOXIDE.

Hazardous

Polymerization Indicator: NO
Conditions To Avoid Polymerization: WILL NOT OCCUR.

=====
Toxicological Information
=====

=====
Ecological Information
=====

=====
MSDS Transport Information
=====

Tran
sport Information: DOT: COMPOUND CLEANING LIQUID, FLAMMABLE LIQUID NA1993.
CONSUMER COMMODITY, CLEANING COMPOUND, LIQUID.

=====
Regulatory Information
=====

Sara Title III Information: SARA TITLE III (SECTION 313) HAZARDOUS MATERIAL:
NONE. EPA PRIORITY POLLUTANTS: NONE.
Federal Regulatory Information: RCRA HAZARD CLASS (IF DISCARDED): D001, D002.

=====
Other Information
=====

Other Information: CAS NUMBER: PROPRIETARY.

=====
Transportation Information
=====

Responsible Party Cage: 9J593
Trans ID NO: 154570
Product ID: RAIN AWAY
MSDS Prepared Date: 02/12/1996
Review Date: 05/12/2001
MFN: 1
Tech Entry NOS Shipping Nm: ISOPROPYL/ETHYL ALCOHOL
Net Unit Weight: 0.4 LBS/BT
Multiple KIT Numb
er: 0
Review IND: Y
Unit Of Issue: BT
Container QTY: G
Type Of Container: BOTTLE

=====
Detail DOT Information
=====

DOT PSN Code: DOQ
Symbols: D,G
DOT Proper Shipping Name: COMPOUNDS, CLEANING LIQUID
Hazard Class: 3
UN ID Num: NA1993
DOT Packaging Group: II
Label: FLAMMABLE LIQUID
Special Provision: T8,T31
Non Bulk Pack: 202
Bulk Pack: 242
Max Qty Pass: 5 L
Max Qty Cargo: 60 L
Vessel Stow Req: B

=====
Detail IMO Information
=====

IMO PSN Code: HIN
IMO Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. o
IMDG Page Number: 3230
UN Number: 1993
UN Hazard Class: 3.2
IMO Packaging Group: I/II
Subsidiary Risk Label: -
EMS Number: 3-07
MED First Aid Guide NUM: T
=====

=====
Detail IATA Information
=====

I
ATA PSN BV
IATA UN ID Num: 1993
IATA Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. *
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
UN Packing Group: II
Packing Note Passenger: 305
Max Quant Pass: 5L
Max Quant Cargo: 60L
Packaging Note Cargo: 307
=====

=====
Detail AFI Information
=====

AFI PSN BV
AFI Symbols: *
AFI Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.
AFI Hazard Class: 3
AFI UN ID NUM: UN19
93
AFI Packing Group: II
Special Provisions: P5
Back Pack Reference: A7.3
=====

=====
HAZCOM Label
=====

Product ID: RAIN AWAY
Cage: 9J593
Company Name: KAFKO INTERNATIONAL LTD
Street: 3555 W. HOWARD STREET
City: SKOKIE IL
Zipcode: 60076-4012
Health Emergency Phone: 847-763-0333
Label Required IND: Y
Date Of Label Review: 05/12/2001
Status Code: C
Year Procured: 2001
Origination Code: F
Eye Protection

IND: YES

Skin Protection IND: YES

Signal Word: WARNING

Respiratory Protection IND: YES

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Moderate

Reactivity Hazard: None

Hazard And Precautions: CAUTION: FLAMMABLE MIXTURE. DO NOT USE NEAR FIRE OR FLAME. USE IN VENTILATED AREA. IF SPLASHED INTO EYES, FLUSH WITH WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION. KEEP AWAY FROM CHILDREN. PACKAGED FOR PROFESSIONAL USE. NOT FOR RESALE.

=====
=====

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.