

KAFKO INTERNATIONAL, LTD. -- RAIN AWAY

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MSDS Safety Information
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FSC: 6850
NIIN: 00-139-5297
MSDS Date: 02/12/1996
MSDS Num: BMQRN
Product ID: RAIN AWAY
MFN: 02
Responsible Party
Cage: 9J862
Name: KAFKO INTERNATIONAL, LTD.
Address: 3535 N. CLARK ST.
City: CHICAGO IL 60657
Info Phone
Number: 312-528-0333
Emergency Phone Number: 312-528-0333
Preparer's Name: UNKNOWN
Proprietary Ind: Y
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 9J862
Name: KAFKO INTERNATIONAL, LTD.
Address: 3535 N. CLARK ST.
City: CHICAGO IL 60657
Phone: 312-528-0333

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Item Description Information
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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

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Ingredients
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Name: *** PROPRIETARY ***

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Health Hazards Data
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LD50 LC50 Mixture: UNKNOWN

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: ACUTE: CONTACT WITH EYES WILL CAUSE IRRITATION. PROLONGED CONTACT WITH SKIN MAY CAUSE DRYING. EXCESSIVE INHALATION OF VAPORS MAY CAUSE NASAL IRRITATION, DIZZINESS, WEAKNESS, NAUSEA, HEADACHE AND A NARCOTIC REACTION. INGESTION MAY CAUSE STOMACH CRAMPS, NAUSEA, VOMITING, AND/OR DIARRH

EA.

Explanation Of Carcinogenicity: NONE OF THE INGREDIENTS IN THIS PRODUCT ARE LISTED AS A CARCINOGEN BY NTP, IARC, OR OSHA.

Signs And Symptoms Of Overexposure: SKIN: DRYING. EYES: IRRITATION.

INHALATION: NASAL IRRITATION, DIZZINESS, WEAKNESS, NAUSEA, HEADACHE AND A NARCOTIC REACTION. INGESTION: STOMACH CRAMPS, NAUSEA, VOMITING, AND/OR DIARRHEA.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: EYES: FLUSH WITH COPIUOUS AMOUNTS OF WATER. SKIN: WASH WITH SOAP AND

WATER. FOR PROLONGED CONTACT, APPLY SKIN CREAM/LUBRICATING OINTMENT.

INHALATION: REMOVE TO FRESH AIR. INGESTION: DRINK WATER AND INDUCE VOMITING. FOR ANY EMERGENCY OBTAIN MEDICAL ATTENTION.

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Handling and Disposal

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Spill Release Procedures: USE ABSORBENT MATERIAL TO COLLECT AND CONTAIN FOR DISPOSAL. CONTAIN LARGE SPILLS AND PUMP INTO A SUITABLE TANK OR VESSEL. WASH AREA WITH

WATER. RINSE THOROUGHLY WITH WATER.

Neutralizing Agent: NONE

Waste Disposal Methods: DISCARD ANY PRODUCT (INCLUDING ANY RETAINED MATERIALS OF USE), DISPOSABLE CONTAINER OR LINER IN AN ENVIRONMENTALLY ACCEPTABLE MANNER, IN FULL COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions: STORE IN A COOL (BELOW 120F), DRY, WELL-VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE, HEAT, OPEN FLAMES, IGNITION SOURCES, AND INCOMPATIBLE MATERIALS

Other

Precautions: SINCE CONTAINERS MAY RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, AND/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN THIS DATA SHEET MUST BE OBSERVED.

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Fire and Explosion Hazard Information
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Flash Point Method: TCC

Flash Point Text: 54.0F,12.2C

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

Fire Fighting Procedures: USE SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. MOVE CONTAINERS FROM FIRE AREA IF POSSIBLE. COOL FIRE EXPOSED CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard: VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND; THEY MAY THEN BE IGNITED BY IGNITION SOURCES AT LOCATIONS DISTANT FROM THE MATERIAL HANDLING POINT.

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

Ventilation: MECHANICAL EXHAUST

Protective Gloves: RUBBER

Eye Protection: SAFETY GOGGLES, FULL FACE SHIELD

Other Protective Equipment: EYE BATH AND SAFETY SHOWER

Work Hygienic Practices: WEAR PROTECTIVE CLOTHING. WASH THOROUGHLY AFTER HANDLING. REMOVE AND LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN.

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Physical/Chemical Properties
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HCC: F3

NRC/State LIC No: NOT RELEVANT

B.P. Text: 172F,78C

M.P/F.P Text: UNKNOWN

Decomp Text: UNKNOWN

Vapor Pres: 33 AT 25C

Vapor Density: >1

Spec Gravity: 0.8

Viscosity: UNKNOWN

Evaporation Rate & Reference: 1.5 (N-BUTYL ACETATE=1)

Solubility in Water: COMPLETE

Appearance and Odor: C

LEAR, COLORLESS LIQUID; ALCOHOL ODOR

Percent Volatiles by Volume: 91

Corrosion Rate: UNKNOWN

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: EXCESS HEAT, SPARKS, FLAMES

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

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE

Hazardous Polymerization Indica
tor: 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 Informatio
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Other Information
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Transportation Information
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Responsible Party Cage: 9J862

Trans ID NO: 49823

Product ID: RAIN AWAY

MSDS Prepared Date: 02/12/1996

Review Date: 02/27/1996

MFN: 2

Tech Entry NOS Shipping Nm: ETHANOL (
ETHYL ALCOHOL)

Radioactivity: NOT RELEVANT

Net Unit Weight: 0.4 LB

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: BT

Container QTY: G

Type Of Container: BOTTLE

Additional Data: IMO PROPER SHIPPING NAME: CARRIAGE OF DANGEROUS GOODS IN
LIMITED QUANTITIES.

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Detail DOT Information
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DOT PSN Code: FTN

DOT Proper Shipping Name: ETHANOL OR ETHYL ALCOHOL OR ETHANOL SOLUTIONS OR
ETHYL AL

COHOL SOLUTIONS

Hazard Class: 3
UN ID Num: UN1170
DOT Packaging Group: II
Label: FLAMMABLE LIQUID
Special Provision: 24,T1
Packaging Exception: 150
Non Bulk Pack: 202
Bulk Pack: 242
Max Qty Pass: 5 L
Max Qty Cargo: 60 L
Vessel Stow Req: A

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Detail IMO Information
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IMO PSN Code: GOQ
IMO Proper Shipping Name: ETHANOL
IMDG Page Number: 3219
UN Number: 1170
UN Hazard Class: 3.2
IMO Packaging
Group: II
Subsidiary Risk Label: -
EMS Number: 3-06
MED First Aid Guide NUM: 305

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Detail IATA Information
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IATA PSN Code: KXQ
IATA UN ID Num: 1170
IATA Proper Shipping Name: ETHANOL
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
Exceptions: A3, A58
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Detail AFI Information
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AFI PSN Code: KXQ

AFI Proper Shipping Name: ETHANOL OR ETHANOL SOLUTIONS OR ETHYL ALCOHOL OR
EHTYL ALCOHOL SOLUTIONS

AFI Hazard Class: 3

AFI UN ID NUM: UN1170

AFI Packing Group: II

Special Provisions: P5

Back Pack Reference: A7.3
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HAZCOM Label
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Product ID: RAIN AWAY

Cage: 9J8

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Company Name: KAFKO INTERNATIONAL, LTD.

Street: 3535 N. CLARK ST.

City: CHICAGO IL

Zipcode: 60657

Health Emergency Phone: 312-528-0333

Label Required IND: Y

Date Of Label Review: 04/21/1992

Status Code: C

Label Date: 04/21/1992

Year Procured: 1992

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: DANGER

Respiratory Protection IND: YES

Health Hazard: Moderate

Contact Hazard: Slight

Fire Hazard: Severe

Reactivity Hazard: None

Hazard And Precautions: ACUTE: CONTAC

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INHALATION: REMOVE TO FRESH AIR. INGESTION: DRINK WATER AND INDUCE VOMITING.

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