

KAFKO INTERNATIONAL, LTD. -- RAIN AWAY -- 6850-00-139-5297

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Product Identification
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Product ID:RAIN AWAY

MSDS Date:02/12/1996

FSC:6850

NIIN:00-139-5297

MSDS Number: BYVTT

=== Responsible Party ===

Company Name:KAFKO INTERNATIONAL, LTD.

Address:3535 N. CLARK ST.

City:CHICAGO

State:IL

ZIP:60657

Country:US

Info Phone Num:312-528-0333

Emergency Phone Num:312-528-0333

CAGE:9J862

=== Contract

or Identification ===

Company Name:KAFKO INTERNATIONAL, LTD.

Address:3535 N. CLARK ST.

Box:City:CHICAGO

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Phone:312-528-0333

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Composition/Information on Ingredients
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Ingred Name:ISOPROPYL ALCOHOL (SARA 313)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: >90% %

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM/500STEL;9495

Ingred Name:SULFURIC ACID (SARA 302/313) (CERCLA)

CAS:7664-93-9

RTECS #:WS5600000

Fracti

on by Wt: < 1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3/3 STEL; 9495
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

===== Hazards Identification =====

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:CONTACT WITH EYES WILL CAUSE
IRRITATION. PROLONGED CONTACT WITH SKIN MAY CAUSE DRYING. EXCES
SIVE
INHALATION MAY CAUSE NASAL IRRITATION, DIZZINESS, WEAKNESS, NAUSEA,
HEADACHE AND A NARCOTIC REACTION. I F SWALLOWED, MAY CAUSE STOMACH
CRAMPS, NAUSEA, VOMITING AND/OR DIARRHEA.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure:EYE IRRITATION, SKIN DRYING, NASAL IRRITATION,
DIZZINESS, WEAKNESS, NAUSEA, HEADACHE, NARCOTIC SYMPTOMS, STOMACH
CR
AMPS, VOMITING, DIARRHEA.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS
OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.
WASH WITH SOAP AND WATER. IF IRRITATION PERSIST, GET MEDICAL
ATTENTION. INH ALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET
MEDICAL ATTENTION. INGESTION: DRINK WATER AND INDUCE VO
MITING. GET
MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point Method:TOC
Flash Point:65.0F,18.3C
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM (ALCOHOL,
POLYMER OR ORDINARY), WATER SPRAY
Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF CONTAINED
BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL TANKS AND
CONTAINERS EXPOSED TO FIRE WITH WATER.
Unusual Fire/Explosion H

azard:VAPOR IS FLAMMABLE AND HEAVIER THAN AIR
AND MAY TRAVEL TO SOURCE OF IGNITION AND FLASHBACK. USE WATER TO
KEEP FIRE EXPOSED CONTAINERS COOL TO REDUCE PRESSURE.

===== Accidental Release Measures =====

Spill Release Procedures:USE APPROPRIATE SAFETY EQUIPMENT. USE
ABSORBENT MATERIAL TO COLLECT AND CONTAIN FOR DISPOSAL. WASH AREA
WITH DETERGENT SOLUTION AND RINSE THOROUGHLY WITH WATER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN WELL VENTILATED AREAS AT
TEMPERATURES BELOW 120F. STORE AWAY FROM IGNITION SOURCES. SINCE
EMPTIED CONTAINERS MAY RETAIN RESIDUES, BE CAUTIOUS
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:PROVIDE SELF-CONTAINED BREATHING APPARATUS WHEN
HANDLING DRUM QUANTITIES IN AN ENCLOSED ROOM.
Ventilat
ion:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION AS
REQUIRED TO MAINTAIN EXPOSURE LEVELS.
Protective Gloves:RUBBER
Eye Protection:CHEMICAL WORKER'S GOGGLES
Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO
PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE
AVAILABLE.
Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER
BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.
Supplemental Safety and Health
NONE SPECIFIED BY
MANUFACTURER.

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

HCC:F3
Boiling Pt:B.P. Text:172F,78C
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN
Vapor Pres:33
Vapor Density:> 1
Spec Gravity:0.800
Evaporation Rate & Reference:1.5 (BUTYL ACETATE=1)
Solubility in Water:SOLUBLE
Appearance and Odor:CLEAR, COLORLESS LIQUID, ALCOHOL ODOR
Percent Volatiles by Volume:91 %

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
ST

STRONG OXIDIZING AGENTS, ALDEHYDES, HALOGENS AND CONCENTRATED MINERAL ACIDS.

Stability Condition to Avoid: EXCESS HEAT, SPARKS, FLAMES

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE.

===== Disposal Considerations =====

Waste Disposal Methods: PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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