

ALLIED REFRIGERATION INC -- IMPACT -- 6850-01-380-4053

===== Product Identification =====

Product ID:IMPACT

MSDS Date:08/01/1994

FSC:6850

NIIN:01-380-4053

MSDS Number: CDVYB

=== Responsible Party ===

Company Name:ALLIED REFRIGERATION INC

Address:814 W. 45TH STREET

City:NORFOLK

State:VA

ZIP:23508

Country:US

Info Phone Num:804-489-8282/800-535-5053

Emergency Phone Num:804-489-8282/800-535-5053

CAGE

:0SWR0

=== Contractor Identification ===

Company Name:ALLIED ENTERPRISES, INC.

Address:814 W. 45TH STREET

Box:6159

City:NORFOLK

State:VA

ZIP:23508-2008

Country:US

Phone:757-489-8282

CAGE:58396

Company Name:ALLIED REFRIGERATION INC

Address:117 N STANDARD AVE

Box:City:SANTA ANA

State:CA

ZIP:92701

Country:US

Phone:213-595-5301

CAGE:0SWR0

===== Composition/Information on Ingredients =====

Ingred Name:D-LIMONENE

CAS:5989-27-5

RTECS #:GW6360000

Fraction by Wt: 75-85%

Other REC Limi

ts:NONE RECOMMENDED

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: BALANCE
Other REC Limits:NONE RECOMMENDED

Ingred Name:COCONUT OIL DIETHANOLAMINE CONDENSATE
CAS:8051-30-7
Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED

Ingred Name:NONYLPHENOL POLYETHOXATE
CAS:9016-45-9
RTECS #:MD0900000
Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED

Ingred Name:DYE
Fraction by Wt: 0-5%
Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SKIN: DEFATTING TO SKIN WITH PROLONGED
OR REPEATED CONTACT. MAY LEAD TO DRYNESS AND IRRITATION. EYES: EYE
IRRITANT. MAY CAUSE REDNESS, BURNING OR TEARING. INHALATION:
VAPORS/MISTS MAY BE IRRITATING TO MUCOUS MEMBRANES IN NOSE,
THROAT, LUNGS. INGESTION: MAY BE IRRITATING TO MOUTH, THROAT AND
GASTROINTESTINAL SYSTEM.
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.
Effects of Overexposure:EYES: REDNESS, TEARING, BURNING, IRRITATION.
SKIN: DRYNESS, DEFATTING, IRRITATION. INGESTION: MOUTH, THROAT, GI
TRACT IRRITATION. INHALATION: NOSE, THROAT, LUNG IRRITATION.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====
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First Aid:INHALED:

REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NEEDED. GIVE OXYGEN IF BREATHING DIFFICULT. GET MEDICAL ATTENTION. EYES: FLUSH WITH WATER FOR 15 MINUTES, LIFT LIDS OCCAISIONALLY. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHES. WASH WITH SOAP AND WATER. INGESTED: DO NOT INDUCE VOMITING!! DRINK LARGE QUANTITIES OF WATER. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:TCC
Flash Point:130F
,54C
Lower Limits:1.0
Upper Limits:6.0
Extinguishing Media:FOAM, DRY CHEMICAL, CARBON DIOXIDE
Fire Fighting Procedures:DO NOT USE WATER.
Unusual Fire/Explosion Hazard:DRUMS HEATED BY FIRE CAN EXPLODE.

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

Spill Release Procedures:MOP UP OR OTHERWISE ABSORB AND HOLD FOR DISPOSAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID CONTACT WITH EYES, SKIN AND CLOTHING. KEEP OUT OF REACH OF CHILDREN. FOR USE BY TRAINED PERSONNEL ONLY. KEEP CONTAINER CLOSED DURING STORAGE.
Other Precautions:FOR INSTITUTIONAL AND INDUSTRIAL USE ONLY.

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

Respiratory Protection:USE IN WELL VENTILATED AREA.
Ventilation:PROVIDE LOCAL EXHAUST TO KEEP CONCENTRATIONS BELOW APPLICABLE TLVS.
Protective Gloves:RUBBER, NEOPRENE, PVC.
Eye Protection:SAFETY GLASSES/GOOGLES.
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 AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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

HCC:F4
Boiling Pt:B.P. Text:335F,168C
Melt/Freeze Pt:M.P/F.P Text:NOT GI

VEN
Vapor Pres:< 10
Vapor Density:> 1
Spec Gravity:0.864 (WATER=1)
pH:11.5
Evaporation Rate & Reference:< 1 (WATER = 1)
Solubility in Water:WATER EMULSIFIES
Appearance and Odor:THIN ORANGE LIQUID WITH PLEASANT DODR
Percent Volatiles by Volume:90+

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

Stability Indicator/Materials to Avoid:YES
NONE SPECIFIED BY MANUFACTURER.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:CARBON MON
OXIDE IF BURNED.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS.

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