

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

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

Product ID:IMPACT

MSDS Date:12/01/1990

FSC:6850

NIIN:01-380-4053

MSDS Number: BYYWC

=== 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

Other REC Limits:NONE RECOMMENDED

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===== **Hazards Identification**=====

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: CONTACT WITH EYE MAY CAUSE SEVERE IRRITATION AND POSSIBLE BLINDNESS. SWALLOWING MAY CAUSE GI TRACT IRRITATION; ASPIRATION OF PRODUCT MAY CAUSE CHEMICAL PNEUMONITIS. CHRONIC: PROLONGED OR REPEAT ED SKIN CONTACT MAY CAUSE MODERATE IRRITATION, DERMATITIS, BURNS OR ULCERATI  
ONS.

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, BLURRED VISION, BLINDNESS. SKIN: REDNESS, DEFATTING, DISCOMFORT, BURNING. INGESTED: NAUSAE, VOMITING, DIARRHEA.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALED: REMOVE TO FRESH AIR. GIVE ARTIF  
ICIAL RESPIRATION IF

NEEDED. GIVE OXYGEN IF BREATHING DIFFICULT. GET MEDICAL ATTENTION. EYES: FLUSH WITH WATER FOR 15 MINUTES, LIFT LIDS OCCAISIONALLY. GET MEDI CAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHES. WASH WITH SOAP AND WATER. INGESTED: DO NOT INDUCE VOMITING!! GET IMMEDIATE MEDICAL ATTENTION.

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

Extinguishing Media:WATER, FOAM, DRY CHEMICAL, CARBON DIOXIDE

Fire Fighting Procedures:WEAR SELF-CONTAIN  
ED BREATHING APPARATUS. KEEP

CONTAINERS COOL. USE EQUIPMENT OR SHIELDING TO PROTECT PERSONNEL FROM RUPTURING OR VENTING CONTAINERS.

Unusual Fire/Explosion Hazard:MAY RELEASE COMBUSTIBLE FUMES UNDER HIGH TEMPERATURES (ABOVE 120F). DO NOT WELD ON OR NEAR CONTAINERS.

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

Spill Release Procedures:CONTAIN LARGE SPILLS & PUMP TO RECOVER OR ABSORB WITH ABSORBENT MATERIAL & PLACE IN CLOSED CONTAINER FOR DISPOSAL. SMALL

SPILLS CAN BE MOPPED UP. CLEAN CONTAMINATED AREA.

VENTILATE IF AREA IF NECESSAR Y.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN. WASH HANDS AFTER USING PRODUCT.

Other Precautions:DO NOT CONSUME FOOD OR BEVERAGE WHILE USING THIS PRODUCT. DO NOT MIX CHEMICALS UNLESS SPECIFICALLY TOLD TO DO SO.

READ PRODUCT LABEL DIRECTIONS BEFORE USING.

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

Respiratory Protection:ONLY WITHOUT ADEQUATE VENTILATION AND VAPOR CONCENTRATIONS BELOW TLV.

Ventilation:EQUIVALENT TO THE OUTDOORS.

Protective Gloves:RUBBER, NEOPREN, PVC.

Eye Protection:SAFETY GLASSES/GOGGLES.

Other Protective Equipment:APRON IF SPLASHING LIKELY

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

SPECIAL FEATURES-PER DLSC-TIR: NON-CORROSIVE; USES: MACHINERY, TRUCKS, ROAD EQUIPMENT, ENGINE BLOCKS, ROOFING EQUIPMENT, MASONRY, BUILDING AND MAINTENANCE EQUIPMENT, CLEANS AND DEODORIZES DRAINS.

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

HCC:N1

Boiling Pt:B.P. Text:310F,154C

Spec Gravity:0.864 (WATER=1)

Solubility in Water:WATER EMULSIFIES

Appearance and Odor:YELLOW LIQUID; CITRUS ODOR

Percent

Volatiles by Volume:80

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, ACID ANHYDRIDES, AND HALOGENS.

Stability Condition to Avoid:DO NOT EXPOSE TO TEMPERATURES ABOVE 120F.

Hazardous Decomposition Products:THERMAL DECOMPOSITION IN THE PRESENCE OF AIR MAY YEILD CARBON MONOXIDE AND CARBON DIOXIDE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W

WITH LOCAL, STATE AND  
FEDERAL REGULATIONS.

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