

BREAK-FREE DIV OF SAN/BAR CORP -- BREAK-FREE CLP LIQUID -- 1020-01-307-8295

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Product Identification
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Product ID: BREAK-FREE CLP LIQUID

MSDS Date: 10/30/1990

FSC: 1020

NIIN: 01-307-8295

Kit Part: Y

MSDS Number: BPHWH

=== Responsible Party ===

Company Name: BREAK-FREE DIV OF SAN/BAR CORP

Address: 1035 S LINWOOD AVE

Box: 25020

City: SANTA ANA

State: CA

ZIP: 92799-5020

Country: US

Info Phone Num: 714-953-1900

3-1900

Emergency Phone Num: 714-953-1900

Preparer's Name: DONALD E. YODER

CAGE: 65983

=== Contractor Identification ===

Company Name: BREAK-FREE INC

Address: 13386 INTERNATIONAL PARKWAY

Box: City: JACKSONVILLE

State: FL

ZIP: 32218

Country: US

Phone: 800-428-0588 / 904-741-5400

CAGE: 65983

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Composition/Information on Ingredients
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Ingred Name: SYNTHETIC & PARAFINIC OILS; OTHER INGREDIENTS

Fraction by Wt: 74.1%

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 5 MG/CUM (OIL MIST)

ACGIH TLV

:5 MG/CUM (OIL MIST)

Ingred Name:N-BUTYL ACETATE (SARA III)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 4.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:150 PPM/200 STEL

ACGIH TLV:150 PPM/200STEL;9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA III)

CAS:76-13-1

RTECS #:KJ4000000

Fraction by Wt: 6.2%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000PPM/1250STEL

ACGIH TLV:1000PPM/1250STEL9293

Ozone Depleting Chemical:1

Ingr

ed Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

CAS:71-55-6

RTECS #:KJ2975000

Fraction by Wt: 12.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:350 PPM/450 STEL

ACGIH TLV:350 PPM/450STEL;9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ozone Depleting Chemical:1

Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 2.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9293

Ingred Name:TAR ACIDS, CRESYLIC,PHENYL,PH

OSPHATE
CAS:68952-35-2
Fraction by Wt: 1.0%
Other REC Limits:NONE RECOMMENDED

Ingred Name:INSOLUBLE BARIUM COMPOUNDS
Fraction by Wt: 0.6%
Other REC Limits:NONE RECOMMENDED

Ingred Name:TERT-BUTYL ALCOHOL (SARA III)
CAS:75-65-0
RTECS #:EO1925000
Fraction by Wt: 0.1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:100PPM 9394

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS >500 MG/KG
Routes of Entry: Inhalation:YES Skin:YE
S Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INHALATION MAY CAUSE IRRITATION OF RESPIRATORY TRACT AND CNS DEPRESSION. ABSORBTION THRU SKIN MAY CAUSE SYSTEMIC EFFECTS TO BLOOD, LIVER AND KIDNEYS. SWALLOWING MAY CAUSE MILD IRRITATION OF GI TRACT. CHRONIC: PROLONGED OR REPEATED CONTACT MAY IRRITATE SKIN.
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.
Effects of Overexposure:INHALATION: COUGHING, WHEEZING, SHORTNESS OF BREATH, DIZZINESS, DROWSINESS, HEADACHE, NAUSEA, VOMITING. EYES: TEARING, DISCOMFORT, REDNESS. SKIN: RASH, ITCHING. INGESTED: NAUSEA, VOMITING.
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN, EYE, AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:INHALED: REMOVE PERSON TO FRES

H AIR. GIVE RESPIRATORY SUPPORT

AS NEEDED. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. SEE DOCTOR. SKIN: WASH WITH SOAP AND WATER. INGESTED: DO NOT INDUCE VOMITING! IF CONSCIOUS, DRINK 1-2 GLASSES OF WATER. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:PMCC

Flash Point:>200F,>93C

Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL, WATER SPRAY. WATER AND FOAM MAY CAUSE FROTHING.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND BUNKER GEAR. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS/DISPERSE VAPORS.

Unusual Fire/Explosion Hazard:VAPORS, WHEN CONCENTRATED OR IN A CONFINED AREA; MAY FLASH UPON CONTACTY WITH FLAMES, SPARKS, OR HIGH INTENSITY HEAT SOURCES.

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

Spill Release Procedures:WIPE UP OR ABSORB WITH INERT MATERIALS AND PLACE IN A CONTAINER FOR LATER DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED AREA AWAY FROM SOURCES OF IGNITION AND INCOMPATIBLES. DO NOT STORE ABOVE 120F.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NONE NORMALLY REQUIRED.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION.

Protective Gloves:POLYETHYLENE, NEOPRENE, PVC

Eye Protection:SAFETY GLASSES

Other Protective Equipment:NONE NORMALLY REQUIRED.

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

Supplemental Safety and Health

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

HCC:T4

Boiling Pt:B.P. Text:>140F,>60C

Melt/Freeze Pt:M.P/F.P Text: