

BREAK-FREE DIV OF SAN/BAR CORP -- CLP LIQUID (NON-CHLORINATED FORMULA),BREAK-FREE CLP -- 9150-01-054-6453

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

Product ID:CLP LIQUID (NON-CHLORINATED FORMULA),BREAK-FREE CLP

MSDS Date:06/19/1992

FSC:9150

NIIN:01-054-6453

MSDS Number: BSYLH

=== Responsible Party ===

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

Address:1035 S LINWOOD AVE

City:SANTA ANA

State:CA

ZIP:9270

5-4396

Country:US

Info Phone Num:714-953-1900

Emergency Phone Num:202-483-7616/800-424-9300(CHEMTREC)

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

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

Ingred Name:POLYALPHAOLEFIN BASE STOCK/POLYALPHAOLEFIN OIL

CAS:68649-12-7

Fraction by Wt:

70.1%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:SYNTHETIC OILS (INGREDIENTS 2, 3 & 4: 18.8%)

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:SYNTHETIC ESTERS

Fraction by Wt: SEE # 2%

Other REC Limits:NONE RECOMMENDED

Ingred Name:OTHER INGREDIENTS

Fraction by Wt: SEE # 2%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:NOT ESTABLISHED.

ACGIH TLV:NOT ESTABLISHED.

Ingred Name:ANTIM

ONY DIALKYL DITHIOCARBAMATE

CAS:15991-76-1

Fraction by Wt: 1.3%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.5 MG SB/M3

ACGIH TLV:0.5 MG SB/M3

Ingred Name:ETHYLHEXYL ACETATE

CAS:103-09-3

RTECS #:AH5600000

Fraction by Wt: 5%

Other REC Limits:NONE RECOMMENDED

Ingred Name:DIBASIC ESTER #1

Fraction by Wt: 5%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS > 5,000 MG/KG.

Routes of Entry: Inhalation:YES Sk

in:YES Ingestion:NO

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

Health Hazards Acute and Chronic:ACUTE- PROLONGED/REPEATED SKIN CONTACT
COULD CAUSE IRRITATION & DERMATITIS. MAY CAUSE TRANSIENT EYE
IRRITATION. INHALATION OVEREXPOSURE OF MISTS CAN CAUSE RESPIRATORY
IRRITATION & CNS EFFECTS. INGESTION MAY CAUSE IRRITATION TO
DIGESTIVE TRACT. CAN BE ABSORBED THROUGH ABRADED SKIN. CHRONIC- NO.
TARGET ORGAN:LUNG, SKIN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:

EYES, SKIN, RESPIRATORY AND GASTROINTESTINAL
TRACTS IRRITATION, NAUSEA, VOMITING, DIZZINESS, WEAKNESS, FATIGUE,
HEADACHES AND POSSIBLE UNCONSCIOUSNESS

Medical Conditions Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE
MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:REMOVE
CONTACT

MINATED CLOTHING. WASH SKIN WITH SOAP & WATER. EYE:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. INHALED:REMOVE TO FRESH AIR. ORAL: DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK LARGE AMOUNT OF WATER TO DILUTE. CALL A PHYSICIAN IMMEDIATELY.

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

Flash Point Method:PMCC

Flash Point:201F,94C

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, FOAM. USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS. WATER OR FOAM MAY CAUSE FROTHING.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:TOXIC FUMES

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

Spill Release Procedures:WIPE UP SPILLS OR USE NON-FLAMMABLE ABSORBENT MATERIAL TO SOAK UP. STORE IN CLOSED CONTAINERS. DO NOT FLUSH TO SEWER.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN A COOL PLACE. KEEP CONTAINERS CLOSED.

Other Precautions:WASH THOROUGHLY AFTER HANDLING. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:NONE SHOULD BE NEEDED. FOR EMERGENCIES OR FOR WORKING IN CONFINED AREAS WITH LOW AIR EXCHANGE RATES OR WHEN TLV FOR OIL MIST

IS EXCEEDED, WEAR NIOSH-APPROVED RESPIRATORS FOR MIST.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV REQUIREMENTS.

Protective Gloves:POLYETHYLENE, NEOPRENE/PVC(REPEATED CONT

Eye Protection:SAFETY GOGGLES/GLASSES WITH SIDE SHIELDS

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT SMOKE, EAT OR DRINK WHILE USING THE PRODUCT

Supplemental Safety and Health

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RMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A UNDER THE SAME
NSN.

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

HCC:T6

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:378F,192C

Melt/Freeze Pt:M.P/F.P Text:-40F,-40C

Vapor Pres:0.04 @ 68F

Vapor Density:5.9

Spec Gravity:0.86

Evaporation Rate & Reference: