

BREAK-FREE DIV OF SAN BAR -- BREAK-FREE CLP LIQUID (NON-CHLORINATED FORMULA) - CLEAN MATERIAL SAFETY DATA SHEET
NSN: 9150010536688
Manufacturer's CAGE: 65983
Part No. Indicator: C
Part Number/Trade Name: BREAK-FREE CLP LIQUID (NON-CHLORINATED FORMULA)

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General Information

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Item Name: CLEANER, LUBRICANT AND PRESERVATIVE
Company's Name: BREAK-FREE DIV OF SAN/BAR CORP
Company's Street: 1035 S LINWOOD AVE
Company's P. O. Box: 25020
Company's City: SANTA ANA
Company's State: CA
Company's Country: US
Company's Zip Code: 92799-5020
Company's Emerg Ph #: 714-953-1900
Company's Info Ph #: 714-953-1900
Record No. For Safety Entry: 012
Tot Safety Entries This Stk#: 013
Status: FE
Date MSDS Prepared: 15FEB94
Safety Data Review Date: 14MAR95
Supply Item Manager: CX
MSDS Preparer's Name: DONALD E. YODER
MSDS Serial Number: BSVZS
Specification Number: MIL-L-63460
Hazard Characteristic Code: N1
Unit Of Issue: GL
Unit Of Issue Container Qty: 1 GAL
Type Of Container: BOTTLE
Net Unit Weight: 7.2 LBS

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Ingredients/Identity Information

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Proprietary: NO
Ingredient: POLYALPHAOLEFIN BASE OIL
Ingredient Sequence Number: 01
Percent: 70.1
NIOSH (RTECS) Number: 1004246PS
CAS Number: 68649-12-7
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: 5 MG/M3 OIL MIST

Proprietary: NO
Ingredient: DIBASIC ESTER #1
Ingredient Sequence Number: 02
Percent: 5
NIOSH (RTECS) Number: 1011026DE
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: ETHYLHEXYL ACETATE

Ingredient Sequence Number: 03
Percent: 5
NIOSH (RTECS) Number: AH5600000
CAS Number: 103-09-3
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: SYNTHETIC OILS, ESTERS AND OTHER INGREDIENTS.
Ingredient Sequence Number: 04
Percent: 19.9
NIOSH (RTECS) Number: 1011025SL
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: DIBASIC ESTER #1
Ingredient Sequence Number: 05
Percent: 5
NIOSH (RTECS) Number: 1011026DE
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

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Physical /Chemical Characteristics

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Appearance And Odor: LIGHT AMBER LIQUID, SLIGHT FRUITY ODOR.
Boiling Point: 378F, 192C
Vapor Pressure (MM Hg/70 F): 0.04 @20C
Vapor Density (Air=1): 5.9
Specific Gravity: 0.86
Decomposition Temperature: UNKNOWN
Evaporation Rate And Ref: <0.03 (BU AC=1)
Solubility In Water: INSOLUBLE
Percent Volatiles By Volume: 10
Corrosion Rate (IPY): UNKNOWN

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Fire and Explosion Hazard Data

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Flash Point: 201F, 94C
Flash Point Method: PMCC
Extinguishing Media: CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
Special Fire Fighting Proc: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire And Expl Hazrds: COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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Reactivity Data

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Stability: YES
Cond To Avoid (Stability): HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION
Materials To Avoid: STRONG OXIDIZING AGENTS
Hazardous Decomp Products: OXIDES OF CARBON, SULFUR AND NITROGEN.

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): NOT APPLICABLE

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Health Hazard Data

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LD50- LC50 Mixture: LD50 > 5 G/KG

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: YES

Route Of Entry - Ingestion: YES

Health Haz Acute And Chronic: INHALATION- RESPIRATORY IRRITATION AND DISCOMFORT MAY BE EXPERIENCED. EXCESSIVE INHALATION CAN CAUSE RESPIRATORY IRRITATION, CENTRAL NERVOUS SYSTEM EFFECTS. EYES- POSSIBLE TRANSIENT IRRITATION. SKIN- POSSIBLE SLIGHT TO MODERATE REDNESS. INGESTION- LOW LEVEL OF TOXCITY. MAY CAUSE IRRITATION TO DIGESTIVE TRACT.

Carcinogeni ci ty - NTP: NO

Carcinogeni ci ty - IARC: NO

Carcinogeni ci ty - OSHA: NO

Explanation Carcinogeni ci ty: NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Signs/Symptoms Of Overexp: INHALATION- DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHES AND POSSIBLE UNCONSCIOUSNESS.

Med Cond Aggravated By Exp: PRE-EXISTING SKIN, EYE AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS MATERIAL.

Emergency/First Aid Proc: SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH REMOVE TO FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION. EYE: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION: GET IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS.

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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: WIPE UP, OR SOAK IN INERT MATERIAL OR VACUUM SPILLED MATERIAL. CLEAN UP SPILL IMMEDIATELY AS THEY CAN BE DANGEROUSLY SLIPPERY. DO NOT FLUSH INTO SEWER.

Neutralizing Agent: NOT APPLICABLE

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

Precautions- Handling/Storing: STORE IN A WELL VENTILATED AREA AT TEMPERATURES BETWEEN 40- 120F. AVOID FREEZING.

Other Precautions: KEEP AWAY FROM CHILDREN, INFANTS & PETS.

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Control Measures

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Respiratory Protection: NONE NORMALLY REQUIRED. USE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS IF TLV IS EXCEEDED OR WHEN SPRAYING OR USING IN CONFINED SPACES.

Ventilation: USE LOCAL EXHAUST IF TLV IS EXCEEDED OR MECHANICAL(GENERAL) VENTILATION IN CLOSED AREAS.

Protective Gloves: NEOPRENE OR PVC

Eye Protection: SAFETY GLASSES/SPLASH GOGGLES.

Other Protective Equipment: EYE FOUNTAIN IN WORK AREA IS RECOMMENDED.

Work Hygienic Practices: WASH HANDS AFTER HANDLING MATERIAL.

Suppl. Safety & Health Data: FOMULATION CHANGED, NON- CHLORINATED FORMULA.

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Transportation Data

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Trans Data Review Date: 94084

DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

IMD PSN Code: ZZZ

IMD Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

AFI PSN Code: ZZZ

AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Disposal Data

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Label Data

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Label Required: YES

Technical Review Date: 25MAR94

Label Status: F

Common Name: BREAK-FREE CLP LIQUID (NON-CHLORINATED FORMULA)

Signal Word: CAUTION!

Acute Health Hazard-Slight: X

Contact Hazard-Slight: X

Fire Hazard-Slight: X

Reactivity Hazard-None: X

INHALATION OF MIST/VAPORS/FUMES MAY CAUSE RESPIRATORY TRACT IRRITATION.
IRRITATION. SKIN: REPEATED CONTACT MAY CAUSE IRRITATION. CHRONIC: NO DATA
AVAILABLE. STORE IN A WELL VENTILATED AREA AT 40-120F. AVOID FREEZING.
FIRST AID: SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER.
INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION. EYE: IMMEDIATELY
FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL
ATTENTION. INGESTION: GET IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE
VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS

Protect Skin: Y

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

Label Street: 1035 S LINWOOD AVE

Label P. O. Box: 25020

Label City: SANTA ANA

Label State: CA

Label Zip Code: 92706-4396

Label Country: US

Label Emergency Number: 800-424-9300(CHEMTREC)/202-483-7616

Year Procured: 1994