

BREAK-FREE DIV OF SAN/BAR CORP -- BREAK-FREE CLP LIQUID (NON-CHLORINATED FORMUL

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MSDS Safety Information  
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FSC: 9150

NIIN: 01-327-9631

MSDS Date: 04/04/1997

MSDS Num: CJKYB

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

MFN: 02

Responsible Party

Cage: 65983

Name: BREAK-FREE DIV OF SAN/BAR CORP

Address: 1035 S L

INWOOD AVE

Box: 25020

City: SANTA ANA CA 92799-5020

Info Phone Number: 714-953-1900

Emergency Phone Number: 800-265-3924

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Item Description Information  
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Item Manager: S9G

Item Name: CLEANER,LUBRICANT AND PRESERVATIVE

Specification Number: MIL-L-63460D

Unit of Issue: LI

UI Container Qty: 1

Type of Container: PLASTIC BTL

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Ingredients  
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Name: \*\*\* PROPRIETARY \*\*\*  
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Health Hazards Data  
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LD50 LC50 Mixture: LD50>5 G/KG

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Effects of Exposure: WHILE EXPECTED TO BE NON-IRRITATING FROM THE SKIN, EYE AND  
ORAL TESTING DONE, AS WITH ALL PETROLEUM PRODUCTS, PROLONGED AND REPEATED

SKIN CONTACT WITH THE SKIN COULD CAUSE IRRITATION AND POSSIBLE DERM ATITIS. THE SYNTHETIC OILS AND ADDITIVES SOULD ALSO BE ABSORBED THROUGH ABRADED SKIN, BUT THE INFORMATION FROM DERMAL TOXICITY TESTS SUGGEST THAT NO ACUTE SYSTEMIC EFFECTS WOULD BE EXPECTED IN HEALTH INDIVIDUALS.

Explanation Of Carcinogenicity: THIS MATERIAL IS NOT KNOWN TO CONTAIN ANY CARCINOGEN REQUIRED TO BE LISTED UNDER THE HAZARD COMMUNICATION STANDARD FROM NTP OR IARC SOURCES.

Signs And Symptions Of Overexposur

e: INHALATION-RESPIRATORY IRRITATION & DISCOMFORT MAY BE EXPERIENCED. EXCESSIVE INHALATION CAN CAUSE RESPIRATORY IRRITATION, CENTRAL NERVOUS SYSTEM EFFECTS INCLUDING DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHES AND POSSIBLE UNCONSCIOUSNESS. INGESTION-SMALL AMOUNTS OF THE LIQUID ASPIRATED INTO THE RESPIRATORY SYSTEM DURING INGESTION OR VOMITING MAY CAUSE PULMONARY EDEMA OR BRONCHOPNEUMONIA. MINIMAL TOXICITY. SKIN-POSSIBLE SLIGHT TO MODERATE REDNESS MAY OCCUR WITH EXTENDED DAI

LY EXPOSURE. NOT CLASSIFIED AS A PRIMARY SKIN IRRITANT OR CORROSIVE. EYE-POSSIBLE TRANSIENT IRRITATION. NOT CLASSIFIED AS A PRIMARY IRRITANT. First Aid: FOLLOW GOOD INDUSTRIAL HYGIENE PRACTICES. IF SPLASHED IN THE EYES, FLUSH WITH WATER IMMEDIATELY FOR 15 MIN. IF SPILLED ON CLOTHING, REMOVE SOILED CLOTHING AND WASH SKIN WITH SOAP AND WATER. LAUNDER ALL CONTAMINATED CLOTHING BEFORE RESUE. IF SWALLOWED, DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK LARGE QUANTITIES OF WATER AND SEEK IMMEDIATE MEDICAL ATTENTION. IF INHALED, MOVE TO FRESH AIR. ANESTHETIC OR NARCOTIC EFFECTS COULD OCCUR FROM OVEREXPOSURE TO VAPORS, SO CALL A PHYSICIAN. IF AVAILABLE, GIVE OXYGEN. IF BREATHING STOPS, GIVE MOUTH-TO-MOUTH RESUSCITATION.

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Handling and Disposal

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Spill Release Procedures: FOR SMALL SPILLS, VACCUM INTO WASTE CONTAINER OR ABSORB WITH DRY SAND OR ABSORBENT CLOTH. FOR LARGE SPILLS IMMEDIATELY EVACUATE THE AREA & SHUT OFF POTENTIAL IGNITION SOURCES. ONLY PERSONNEL EQUIPPED WITH PROPER PROTECTION SHOULD BE PERMITTED IN THE AREA. DIKE THE AREA TO CONTAIN SPILL. RECOVER WITH A WET VACUUM OR ABSORB SPILL WITH SAWDUST/VERMICULITE & SWEEP INTO CLOSED CONTAINER FOR DISPOSAL.

Waste Disposal Methods: RECOVERED LIQUIDS MAY BE BE REPROCESSED, OR INCINERATED OR TREATED IN A PERMITTED HAZARDOUS WASTE MANAGEMENT FACILITY. PREVENT ENVIRONMENTAL CONTAMINATION.

DISPOSE OF CHEMICAL MATERIALS AND/OR THEIR CONTAINERS IN ACCORDANCE WITH THE CAA, CWA, RCRA, AS WELL AS ANY OTHER FEDERAL, STATE OR LOCAL LAWS & REGULATIONS REGARDING DISPOSAL.

Handling And Storage Precautions: KEEP AWAY FROM OPEN FLAMES OR OTHER IGNITION SOURCES. DO NOT STORE ABOVE 120F. MAINTAIN ADEQUATE VENTILATION & KEEP FROM CHILDREN. NOTE THAT SOME VAPORS ARE HEAVIER THAN AIR AND CAN DISPLACE AIR IN LOW AREAS OR CONFINED SPACES SUCH AS PITS OR TANKS.

Other Precautions:  
DO NOT ENTER CONFINED AREAS WHERE LARGE QUANTITIES OF VAPORS ARE SUSPECTED OR COLLECTING UNTIL EXCHANGING THE QAIR OR USING SPECIAL BREATHING APPARATUS WITH AN OBSERVER PRESENT FOR POSSIBLE ASSISTANCE .

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Fire and Explosion Hazard Information  
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Flash Point Method: PMCC

Flash Point: =93.9C, 201.F

Autoignition Temp Text: NA

Lower Limits: NA

Upper Limits: NA

Extinguishing Media: CARBON DIOXIDE, FOAM, DRY CHEMICAL.

Fire Fighting Procedures: FIREFIGHTERS SHOULD WEAR NIOSH APPROVED, POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS TO AVOID EXPOSURE FROM DECOMPOSITION PRODUCTS(PROTECTION). PROPER EYE AND SKIN PRODUCTION SHOULD BE USED.

Unusual Fire/Explosion Hazard: IF A SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE VAPORS AND KEEP CONTAINER COOL. AFTER IGNITION, THE USE OF WATER CAN SCATTER THE LIQUID THEREBY POSSIBLY SPREADING THE FIRE. IGNITION MAY ALSO PRODUCE DENSE BLACK SMOKE.

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Control Measures  
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Respiratory Protection: NOT REQUIRED FOR NORMAL WORK SITUATIONS WHERE ADEQUATE VENTILATION IS PROVIDED(SEE NEXT SECTION). USE NIOSH APPROVED SELF-CONTAINED POSITIVE PRESSURE RESPIRATORS FOR EMERGENCIES AND IN SITUATIONS WHERE AIR MAY BE DISPLACED BY VAPORS OR IN CONFINED AREAS WITH LOW AIR EXCHANGE RATES. FOLLOW OSHA STD 29CFR 1910.13

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Ventilation: NO SPECIAL REQUIREMENTS. USE LOCAL EXHAUST AT FILLING ZONES AND WHERE LEAKAGE IS PROBABLE. USE MECHANICAL VENTILATION FOR STORAGE AREAS.

Protective Gloves: POLYETHYLENE, NEOPRENE OR PVC

Eye Protection: FOR NORMAL CONDITIONS, NONE IS REQUIRED, SPLASH-PROOF GOGGLES AS NEEDED

Other Protective Equipment: SAFETY SHOWER AND EYE-WASH FOUNTAIN IN MANUFACTURING AREAS. PERSONAL PROTECTIVE CLOTHING AND USE OF EQUIPMENT MUST BE IN ACCORDANCE WITH 29CFR 1910.134 AND 29CFR 1910.133.

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k Hygienic Practices: DO NOT SMOKE, EAT OR DRINK WHILE USING THIS PRODUCT.  
WASH HANDS WITH SOAP AND WATER BEFORE SMOKING, EATING, DRINKING OR USING  
TOILET FACILITIES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.  
Supplemental Safety and Health: CONTACT LENSES SHOULD NOT BE WORN UNDER SUCH  
CONDITIONS.

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Physical/Chemical Properties  
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HCC: V5  
Boiling Point: =189.4C, 373.F  
B.P. Text: INI  
TIAL  
Vapor Pres: NA  
Vapor Density: NA  
Volatile Org Content %: 5  
Spec Gravity: 0.87  
Evaporation Rate & Reference: NA  
Solubility in Water: NIL  
Appearance and Odor: LIGHT AMBER COLOR, MILD ODOR.  
Percent Volatiles by Volume: 11

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Reactivity Data  
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Stability Indicator: YES  
Stability Condition To Avoid: SOURCES OF IGNITION SUCH AS SPARKS, HOT SPOTS,  
WELDING, FLAMES AND CIGARETTES.  
Materia  
Is To Avoid: AVOID STRONG OXIDIZING AGENTS.  
Hazardous Decomposition Products: OXIDES OF CARBON, SULFUR, NITROGEN AND PTFE  
POWDER.  
Hazardous Polymerization Indicator: NO  
Conditions To Avoid Polymerization: WILL NOT OCCUR.

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Toxicological Information  
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Ecological Information  
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MSDS Transport Information  
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Transport Information: DOT CLASS: LUBRICATING OIL WITH PTFE.  
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Regulatory Information  
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Sara Title III Information: ALL SARA TITLE III MATERIALS HAVE BEEN REPORTED.  
Federal Regulatory Information: ALL INGREDIENTS CONTAINED IN THIS FORMULA ARE  
LISTED O

N THE TOXIC SUBSTANCE CONTROL ACT (TSCA) CHEMICAL INVENTORY.

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Other Information  
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Transportation Information  
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Responsible Party Cage: 65983

Trans ID NO: 147610

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

MSDS Prepared Date: 04/04/1997

Review Date: 08/28/1999

MFN

: 2

Net Unit Weight: 2 LBS

Multiple KIT Number: 0

Unit Of Issue: LI

Container QTY: 1

Type Of Container: PLASTIC BTL  
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Detail DOT Information  
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DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
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Detail IMO Information  
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IMO PSN Code: ZZZ

IMO P

roper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION  
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Detail IATA Information  
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IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
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Detail AFI Information  
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AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MOD

E OF TRANSPORTATION

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HAZCOM Label

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

Cage: 65983

Company Name: BREAK-FREE INC

Street: 13386 INTERNATIONAL PARKWAY

City: JACKSONVILLE FL

Zipcode: 32218

Health Emergency Phone: 800-265-3924

Label Required IND: Y

Date Of Label Review: 08/28/1999

Status Code: A

Year Procured: 1999

Origination Code: F

Chronic Hazard IND: Y

Eye Protect

ion IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Slight

Reactivity Hazard: None

Hazard And Precautions: WHILE EXPECTED TO BE NON-IRRITATING FROM THE SKIN, EYE AND ORAL TESTING DONE, AS WITH ALL PETROLEUM PRODUCTS, PROLONGED AND REPEATED SKIN CONTACT WITH THE SKIN COULD CAUSE IRRITATION AND POSSIBLE DERM ATITIS. THE SYNTHETIC OILS AND ADDITIVESSOULD ALSO BE ABSORBED THROUGH ABRADED SKIN, BUT THE INFORMATION FROM DERMAL TOXICITY TESTS SUGGEST THAT NO ACUTE SYSTEMIC EFFECTS WOULD BE EXPECTED IN HEALTH I NDIVIDUALS.

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of Defense or other government situation.