

**BREAK-FREE DIV OF SAN BAR -- BREAK-FREE CLP LIQUID - CLEANER, LUBRICANT AND PRESERVA  
MATERIAL SAFETY DATA SHEET  
NSN: 9150010546453  
Manufacturer's CAGE: 65983  
Part No. Indicator: D  
Part Number/Trade Name: BREAK-FREE CLP LIQUID**

=====  
**General Information**  
=====

**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: 92705-4396  
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#: 012  
Status: FE  
Date MSDS Prepared: 11AUG95  
Safety Data Review Date: 28OCT96  
Supply Item Manager: CX  
MSDS Preparer's Name: DONALD E. YODER  
MSDS Serial Number: CCCDS  
Specification Number: NONE  
Spec Type, Grade, Class: NONE  
Hazard Characteristic Code: F8  
Unit Of Issue: PT  
Unit Of Issue Container Qty: 1 PINT  
Type Of Container: UNKNOWN  
Net Unit Weight: 0.9 LBS**

=====  
**Ingredients/Identity Information**  
=====

**Proprietary: NO  
Ingredient: 1-DECENE, HOMOPOLYMER, HYDROGENATED  
Ingredient Sequence Number: 01  
Percent: 53.6  
NIOSH (RTECS) Number: 1007811PA  
CAS Number: 68037-01-4  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
Other Recommended Limit: NONE RECOMMENDED**

-----  
**Proprietary: NO  
Ingredient: SYNTHETIC INHIBITORS AND LUBRICATION ADDITIVES (PROPRIETARY)  
Ingredient Sequence Number: 02  
Percent: 23  
NIOSH (RTECS) Number: 1011097SI  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
Other Recommended Limit: NONE RECOMMENDED**

-----  
**Proprietary: NO**

**Ingredient: DIBASIC ESTER #1 (MIXTURE)**  
**Ingredient Sequence Number: 03**  
**Percent: 3.6**  
**NIOSH (RTECS) Number: 1011098DE**  
**OSHA PEL: NOT ESTABLISHED**  
**ACGIH TLV: NOT ESTABLISHED**  
**Other Recommended Limit: NONE RECOMMENDED**

-----  
**Proprietary: NO**  
**Ingredient: PETROLEUM HYDROCARBON,**  
**Ingredient Sequence Number: 04**  
**Percent: 9.8**  
**NIOSH (RTECS) Number: 0A5504000**  
**CAS Number: 64742-47-8**  
**OSHA PEL: 5 MG/M3 (OIL MIST)**  
**ACGIH TLV: 5 MG/M3 (OIL MIST)**  
**Other Recommended Limit: NONE RECOMMENDED**

-----  
**Proprietary: NO**  
**Ingredient: ETHYLHEXYL ACETATE**  
**Ingredient Sequence Number: 05**  
**Percent: 10**  
**NIOSH (RTECS) Number: AH5600000**  
**CAS Number: 103-09-3**  
**OSHA PEL: NOT ESTABLISHED**  
**ACGIH TLV: NOT ESTABLISHED**  
**Other Recommended Limit: NONE RECOMMENDED**

=====  
**Physical /Chemical Characteristics**  
=====

**Appearance And Odor: LIGHT AMBER LIQUID, MILD ODOR.**  
**Boiling Point: 375F, 191C**  
**Melting Point: -75F, -59C**  
**Vapor Pressure (MM Hg/70 F): NOT GIVEN**  
**Vapor Density (Air=1): NOT GIVEN**  
**Specific Gravity: 0.88**  
**Decomposition Temperature: UNKNOWN**  
**Evaporation Rate And Ref: NOT GIVEN**  
**Solubility In Water: NIL**  
**Percent Volatiles By Volume: 24.5**  
**Corrosion Rate (IPY): UNKNOWN**

=====  
**Fire and Explosion Hazard Data**  
=====

**Flash Point: 174F, 79C**  
**Flash Point Method: PMCC**  
**Lower Explosive Limit: NOT GIVEN**  
**Upper Explosive Limit: NOT GIVEN**  
**Extinguishing Media: DRY CHEMICAL, CARBON DIOXIDE, FOAM**  
**Special Fire Fighting Proc: USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT. COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.**  
**Unusual Fire And Expl Hazrds: FIRE CONDITIONS MAY EVOLVE TOXIC FUMES. A DIRECT ATER STREAM MAY SPREAD BURNING LIQUID.**

=====  
**Reactivity Data**  
=====

**Stability: YES**

**Cond To Avoid (Stability): HIGH HEAT, SOURCES OF IGNITION.**

**Materials To Avoid: STRONG OXIDIZING AGENTS.**

**Hazardous Decomp Products: OXIDES OF CARBON, SULFUR, NITROGEN AND PTFE POWDER**

**Hazardous Poly Occur: NO**

**Conditions To Avoid (Poly): NONE. WILL NOT OCCUR.**

---

---

#### Health Hazard Data

---

---

**LD50- LC50 Mixture: LD50 > 5G/KG**

**Route Of Entry - Inhalation: YES**

**Route Of Entry - Skin: YES**

**Route Of Entry - Ingestion: NO**

**Health Haz Acute And Chronic: INHALATION MAY CAUSE RESPIRATORY IRRITATION AND DISCOMFORT, CENTRAL NERVOUS SYSTEM EFFECTS. ASPIRATION HAZARD. SKIN CONTACT MAY CAUSE SLIGHT TO MODERATE REDNESS. EYE CONTACT MAY CAUSE TRANSIENT IRRITATION. PROLONGED AND/OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION AND DERMATITIS.**

**Carcinogeni ci ty - NTP: NO**

**Carcinogeni ci ty - IARC: NO**

**Carcinogeni ci ty - OSHA: NO**

**Explanati on Carci nogeni ci ty: THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.**

**Signs/Symptoms Of Overexp: RESPIRATORY IRRITATION/DISCOMFORT, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHES, UNCONSCIOUSNESS, CHEMICAL PNEUMONIA, SKIN REDNESS/IRRITATION, DERMATITIS, EYE IRRITATION.**

**Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.**

**Emergency/First Aid Proc: EYES: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES. FLUSH UNDER LIDS BY LIFTING THEM OR ROLLING EYES. SEE DOCTOR ASAP. SKIN: FLUSH WITH WATER. REMOVE CLOTHING AND CONTINUE FLUSHING. INHALATION: REMOVE TO FRESH AIR AND RESTORE BREATHING. GET MEDICAL HELP. INGESTION: DO NOT INDUCE VOMITING. DILUTE. GET PHYSICIAN.**

---

---

#### Precautions for Safe Handling and Use

---

---

**Steps If Matl Released/Spill: VACUUM OR ABSORB WITH DRY SAND OR ABSORBENT CLOTH. SHUT OFF POTENTIAL IGNITION SOURCES. USE PROPER PERSONAL PROTECTIVE EQUIPMENT. THOROUGHLY WET VACUUM TO REMOVE ALL RESIDUE. DO NOT FLUSH INTO SEWER.**

**Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.**

**Waste Disposal Method: PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.**

**Precautions- Handling/Storing: KEEP AWAY FROM OPEN FLAME OR OTHER IGNITION SOURCES. DO NOT STORE ABOVE 120F. MAINTAIN ADEQUATE VENTILATION AND KEEP FROM CHILDREN.**

**Other Precautions: NOTE THAT SOME VAPORS ARE HEAVIERS THAN AIR AND CAN DISPLACE AIR IN LOW AREAS OR CONFINED SPACES SUCH AS PITS OR TANKS. DO NOT ENTER THOSE AREAS WHERE LARGE QUANTITIES OF VAPORS ARE SUSPECTED OF COLLECTING.**

---

---

#### Control Measures

---

---

**Respiratory Protection: NOT REQUIRED FOR NORMAL WORK SITUATIONS WHERE ADEQUATE VENTILATION IS PROVIDED. USE NIOAH APPROVED, SELF-CONTAINED, POSITIVE PRESSURE RESPIRATORS FOR EMERGENCIES AND IN SITUATIONS WHERE AIR**

**MAY BE DISPLACED BY VAPORS OR IN CONFINED AREAS.**

**Ventilation: USE LOCAL EXHAUST AT FILLING ZONES AND WHERE LEAKAGE IS PROBABLE. USE MECHANICAL VENTILATION FOR STORAGE AREAS.**

**Protective Gloves: POLYETHYLENE, NEOPRENE, PVC**

**Eye Protection: SPLASHPROOF GOGGLES**

**Other Protective Equipment: CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.**

**Work Hygienic Practices: DO NOT SMOKE , EAT OR DRINK WHILE USING THIS PRODUCT. WASH HANDS WITH SOAP & WATER BEFORE SMOKING, EATING, USING TOILET.**

**Suppl. Safety & Health Data: WASH CONTAMINATED CLOTHING BEFORE REUSE.**

=====  
**Transportation Data**  
=====

**Trans Data Review Date: 96302**

**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**

**MMAC Code: NR**

**Additional Trans Data: NONE**

=====  
**Disposal Data**  
=====

=====  
**Label Data**  
=====

**Label Required: YES**

**Technical Review Date: 28OCT96**

**MFR Label Number: UNKNOWN**

**Label Status: F**

**Common Name: BREAK-FREE CLP LIQUID**

**Chronic Hazard: NO**

**Signal Word: CAUTION!**

**Acute Health Hazard-Slight: X**

**Contact Hazard-Slight: X**

**Fire Hazard-Slight: X**

**Reactivity Hazard-None: X**

**Special Hazard Precautions: EYES: MAY CAUSE TRANSCIENT IRRITATION. SKIN: MAY CAUSE IRRITATION. INGEST: MAY CAUSE GI TRACT IRRITATION. MAY CAUSE LUNG DAMAGE IF VOMITED AFTER INGESTING. MINIMAL TOXICITY. INHAL: MAY CAUSE RESPIRATORY IRRITATION AND CNS EFFECTS. CHRONIC: DERMATITIS. STORE AT TEMPERATURES BELOW 120F. MAINTAIN ADEQUATE VENTILATION. FIRST AID: SKIN: REMOVE CONTAMINATED CLOTHING; WASH WITH SOAP AND WATER. EYES: FLUSH WITH WATER FOR 15 MINUTES. INHAL: REMOVE TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED. CALL PHYSICIAN FOR ANESTHETIC EFFECTS. INGEST: DO NOT INDUCE VOMITING. GET PROMPT QUALIFIED MEDICAL ATTENTION. IF CONSCIOUS, DILUTE STOMACH CONTENTS WITH WATER.**

**Protect Eye: Y**

**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: 92705-4396**

**Label Country: US**

**Label Emergency Number: 714-953-1900**