

BREAK-FREE, INCORPORATED -- BREAK-FREE CLP LIQUID

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MSDS Safety Information
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FSC: 9150
NIIN: 01-102-1473
MSDS Date: 04/04/1997
MSDS Num: CKJTQ
Product ID: BREAK-FREE CLP LIQUID
MFN: 03
Responsible Party
Cage: MO767
Name: BREAK-FREE, INCORPORATED
Address: 1035 S. LINWOOD AVENUE
City: SANTA ANA C
A 92705-4396
Info Phone Number: 714-953-1900
Emergency Phone Number: 813-979-0626 (COLLECT)
Resp. Party Other MSDS No.: 400-NC-00001-0-011 M-01B
Preparer's Name: JAMES MERCER
Chemtrec IND/Phone: (800)424-9300
Proprietary Ind: Y
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: MO767
Name: BREAK-FREE, INCORPORATED
Address: 1035 S. LINWOOD AVENUE
City: SANTA ANA CA 92705-4396
Phone: 7
14-953-1900

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Item Description Information
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Item Manager: S9G
Item Name: CLEANER,LUBRICANT AND PRESERVATIVE
Specification Number: MIL-L-63460
Type/Grade/Class: NONE
Unit of Issue: BT
Quantitative Expression: 10000000005OZ
UI Container Qty: U
Type of Container: PPP-C-186

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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 > 5G/KG

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

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

TACT WITH THE SKIN COULD CAUSE IRRITATION & POSSIBLE DERMATITIS. THE SYNTHETIC OILS & ADDITIVES COULD ALSO BE ABSORBED THROUGH ABRADED SKIN, BUT THE INFORMATION FROM DERMAL TOXICITY TESTS SUGGEST THAT NO ACUTE SYSTAMIC EFFECTS WOULD BE EXPECTED IN HEALTHY INDIVIDUALS .

Explanation Of Carcinogenicity: THIS MATERIAL IS NOT KNOWN TO CONTAIN ANY CARCINOGEN REQUIRED TO BE LISTED UNDER THE HAZARD COMMUNICATION STANDARD 29CFR 1910.1200 FROM THE NATIONAL TOXICOLOGY PROGRAM (NTP) OR TH

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INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) SOURCES.

Signs And Symptions Of Overexposure: INHALATION: RESPIRATORY IRRITATION & DISCOMFORT, CENTRAL NERVOUS SYSTEM EFFECTS-DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHES, POSSIBLE UNCONSCIOUSNESS. INGESTION: LOW LEVEL TOXICITY; ASPIRATION INTO LUNGS MAY CAUSE PULMONARY EDEMA OR BRONCHIOPNEUMONIA. SKIN CONTACT: SLIGHT TO MODERATE REDNESS. EYE CONTACT: TRANSIENT IRRITATION.

First Aid: FOLLOW GOOD INDUSTRIAL HYGIENE PRACTICES:

IF SPLASHED IN THE EYES, FLUSH WITH WATER IMMEDIATELY FOR 15 MINUTES. IF SPILLED ON CLOTHING, REMOVED SOILED CLOTHING & WASH SKIN WITH SOAP & WATER. LAUNDER ALL CONTAMINATED CLOTHING BEFORE REUSE. IF SWALLOWED, DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK LARGE QUANTITIES OF WATER & 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 B

REATHING STOPS, GIVE MOUTH TO MOUTH RESUSCITATION.

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Handling and Disposal

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Spill Release Procedures: FOR SMALL SPILLS,VACUUM INTO WASTE CONTAINERS OR ABSORB WITH DRY SAND/ABSORBENT CLOTH.FOR LARGE SPILLS,IMMEDIATELY EVACUATE THE AREA & SHUT OFF POTENTIAL IGNITION SOURCES.ONLY PERSONNEL EQUIPPED WITH PROPER RESPIRATORY & SKIN/EYE PROTECTION SHOULD BE PERMITTED IN THE AREA.

DIKE THE AREA TO CONTAIN THE SPILL, TAKE PRECAUTIONS AS NEEDED TO PREVENT CONTAMINATION OF GROUND OR SURFACE WATERS. (SEE SUPPL)

Waste Disposal Methods: RECOVERED LIQUIDS MAY BE REPRECESSED OR INCINERATED OR TREATED IN A PERMITTED HAZARDOUS WASTE MANAGEMENT FACILITY. CARE MUST BE TAKEN WHEN USING OR DISPOSING OF CHEMICAL MATERIALS &/OR THEIR CONTAINERS TO PREVENT ENVIRONMENTAL CONTAMINATION. (SEE OTHER AT END OF MSDS).

Handling And Storage Precautions: KEEP AWAY FROM OPEN FLAME OR OTHER IGNITION

SOURCES. DO NOT STORE ABOVE 120 DEG F. MAINTAIN ADEQUATE VENTILATION & KEEP FROM CHILDREN. NOTE THAT SOME VAPORS ARE HEAVIER THAN AIR & CAN DISPLACE AIR IN LOW AREAS OR CONFINED SPACES SUCH AS PITS OR TANKS.

Other Precautions: DO NOT ENTER THOSE AREAS WHERE LARGE QUANTITIES OF VAPORS ARE SUSPECTED OF COLLECTING UNTIL EXCHANGING THE AIR 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: =78.9C, 174.F

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. PROPER EYE & SKIN PROTECTION SHOULD BE USED. IF A SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE VAPORS & KEEP CONTAINER COOL.

Unusual Fire/Explosion Hazard: AFTER IGNITION, THE USE OF WATER CAN SCATTER THE LIQUID THEREBY POSSIBLY SPREADING THE FIRE. IGNITION MAY ALSO PRODUCE DENSE BLACK SMOKE.

Control Measures

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Respiratory Protection: NOT REQUIRED FOR NORMAL WORK SITUATIONS WHERE ADEQUATE VENTILATION IS PROVIDED. USE NIOSH APPROVED SELF CONTAINED POSITIVE PRESSURE RESPIRATORS FOR EMERGENCIES & IN SITUATIONS WHERE AIR MAY BE DISPLACED BY VAPORS OR IN CONFINED AREAS WITH LOW AIR EXCHANGE RATES. FOLLOW OSHA STD. 29CFR 1910.134

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

Protective Gloves: POLYETHYLENE, NEOPRENE, OR PVC PROTECTIVE GLOVES.

Eye Protection: SPLASH PROOF GOGGLES. CONTACT LENSES SHOULD NOT BE WORN.

Other Protective Equipment: SAFETY SH

OWER & EYE-WASH FOUNTAIN IN MANUFACTURING AREAS. PERSONAL PROTECTIVE CLOTHING & USE OF EQUIPMENT MUST BE IN ACCORDANCE WITH 29CFR 1910.132 & 29CFR 1910.133.

Work Hygienic Practices: DO NOT SMOKE, EAT, OR DRINK WHILE USING THIS PRODUCE. WASH HANDS WITH SOAP & WATER BEFORE SMOKING, EATING, DRINKING, OR USING TOILET FACILITIES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health: SPILLS CONTINUED: RECOVER WITH A WET VACUUM OR ABORB SPILLED MATERIAL IN SAWDUST OR VERMICULITE AND SWEEP INTO CLOSED CONTAINERS FOR DISPOSAL. AFTER ALL VISIBLE TRACES HAVE BEEN REMOVED, THOROUGHLY WE T VACUUM AGAIN. DO NOT FLUSH TO SEWER!

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Physical/Chemical Properties
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HCC: V4
Boiling Point: =190.6C, 375.F
B.P. Text: INITIAL
Melt/Freeze Pt: =-59.4C, -75.F
M.P/F.P Text: POUR POINT
Volatile Org Content %: 15
Spec Gravity: 0.88
Solubility in Water: NIL
Appearance and Odor: SLIGHT AMBER COLOR, MILD ODOR
Percent Volatiles by Volume: 24.5%

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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 & CIGARETTES.
Materials To Avoid: AVOID STRONG OXIDIZING AGENTS.
Hazardous Decomposition Products: OXIDES OF CARBON, SULFUR, NITROGEN & 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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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 ON THE TOXIC SUBSTANCES CONTROL ACT (TSCA).
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Other Information
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Other Information: WASTE DISPOSAL CONTINUED: DISPOSAL OF CHEMICAL MATERIALS AND/OR THEIR CONTAINERS IN ACCORDANCE WITH THE CLEAN AIR ACT, THE CLEAN WATER ACT, THE RESOURCE CONSERVATION AND RECOVERY ACT, AS WELL AS ANY OTHER FEDERAL, STATE AOR LOCAL LAWS AND REGULATIONS REGARDING DISPOSAL. NFPA RATING: HEALTH-1; FIRE-1, REACTIVITY-0.
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Transportation Information
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Responsible Party Code: MO767
Trans ID NO: 152648
Product ID: BREAK-FREE CLP LIQUID
MSDS Prepared Date: 04/04/1997
Review Date: 04/27/2000
MFN: 3
Net Unit Weight: 0.1 LB
Multiple KIT Number: 0
Unit Of Issue: BT
Container QTY: U
Type Of Container: PPP-C-186
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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 Proper 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 MODE OF TRANSPORTATION

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HAZCOM Label

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Product ID: BREAK-FREE CLP LIQUID

Cage: MO767

Assigned IND: Y

Company Name: BREAK-FREE, INCORPORATED

Street: 1035 S. LINWOOD AVENUE

City: SANTA ANA CA

Zipcode: 92705-4396

Health Emergency Phone: 813-979-0626 (COLLECT)

Label Required IND: Y

Date Of Label Review: 04/27/2000

Status C

Code: A

Origination Code: F

Eye Protection IND: NO

Skin Protection IND: YES

Signal Word: WARNING

Respiratory Protection IND: NO

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Moderate

Reactivity Hazard: None

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