

BREAK-FREE INCORPORATED -- BREAK-FREE CLP LIQUID

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MSDS Safety Information
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FSC: 9150
NIIN: 01-079-6124
MSDS Date: 04/04/1997
MSDS Num: CLCTD
Product ID: BREAK-FREE CLP LIQUID
MFN: 02
Responsible Party
Cage: UO346
Name: BREAK-FREE INCORPORATED
Address: 1035 S LINWOOD AVENUE
City: SANTA ANA CA
92705-4396
Info Phone Number: 714-953-1900
Emergency Phone Number: 800-255-3924 CHEM-TEL
Resp. Party Other MSDS No.: 400-NC-00001-021 C-01B
Preparer's Name: JAMES MERCER
Proprietary Ind: Y
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: UO346
Name: BREAK-FREE INCORPORATED
Address: 1035 S LINWOOD AVENUE
City: SANTA ANA CA 92705-4396
Phone: 714-953-1900

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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: 0000000004OZ
UI Container Qty: Q
Type of Container: PPPC186,A,2

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Ingredients
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Name: *** PROPRIETARY ***

Health Hazards Data

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: ACUTE OR CHRONIC:WHILE EXPECTED TO BE NON-IRRITATING FROM THE SKIN, EYE AND ORAL TESTING DONE, AS WITH ALL PETROLEUM PRODUCTS, PROLONGED AND REPEATED CONTACT WITH THE SKIN COULD

CAUSE IRRITATION AND

POSSIBLE DERMATITIS. THE SYNTHETIC OILS AND ADDITIVES COULD ALSO BE ABSORBED THROUGH ABRADED SKIN, BUT THE INFORMATION FROM DERMAL TOXICITY TESTS SUGGEST THAT NO ACUTE SYSTEMIC EFFECTS WOULD BE EXPECTED IN HEALTHY INDIVIDUALS.

Explanation Of Carcinogenicity: NOTE: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 THE INTERNATIONAL AGENCY

FOR RESEARCH ON CANCER(IARC) SOURCES.

Signs And Symptoms Of Overexposure: INHALATION: RESPIRATORY IRRITATION AND DISCOMFORT MAY BE EXPERIENCED IF MISTS OF MATERIALS RESEMBLING MINERAL OILS ARE BREATHED AT AIR CONCENTRATIONS EXCEEDING RECOMMENDED EXPOSURE LEVELS. 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.

Medical Cond Aggravated By Exposure: NO DATA PROVIDED BY MANUFACTURER

First Aid: FOLLOW GOOD INDUSTRIAL HYGIENE PRACTICES: IF SPLASHED IN THE EYES, FLUSH WITH WATER IMMEDIATELY FOR 15 MINUTES. IF SPILLED ON CLOTHING, REMOVE SOILED CLOTHING AND WASH SKIN WITH SOAP AND WATER. LAUNDE R ALL CONTAMINATED CLOTHING BEFORE REUSE. IF SWALLOWED, DO NOT INDUCE VOMITING. IF CONS

CIOUS, DRINK LARGE QUANTITIES OF WATER AND SEEK IMMEDIATE MEDICAL ATTENTION. IF INHALED, MOVE TO FRESH AIR. ANEST HETIC OR NARCOTIC EFFECTS COULD OCCUR FROM OVEREXPOSURE TO VAPORS, SO CALL A PHYSICIAN. IF AVAILABLE , GIVE OXYGEN. IF BREATHING STOPS, GIVE MOTUH-TO-MOUTH RESUSCITATION.

Handling and Disposal

Spill Release Procedures: FOR SMALL SPILLS, VACUUM INTO WASTE CONTAINERS

OR

ABSORB WITH DRY SAND OR ABSORBENT CLOTH. FOR LARGE SPILLS IMMEDIATELY EVACUATE THE AREA AND SHUT OFF POTENTIAL IGNITION SOURCES. ONLY PERSONNEL EQUIP PED WITH PROPER RESPIRATORY AND SKIN/EYE PROTECTION SHOULD BE PERMITTED IN THE AREA. DIKE THE AREA TO CONTAIN THE SPILL.

Neutralizing Agent: NO DATA PROVIDED BY MANUFACTURER

Waste Disposal Methods: RECOVERED LIQUIDS MAY BE REPROCESSED, OR INCINERATED, OR TREATED IN A PERMITTED HAZARDOUS WASTE MANAGEMENT FACILITY. CARE MUST BE TAKEN

WHEN USING OR DISPOSING OF CHEMICAL MATERIALS AND/OR THEIR CONTAINERS TO PREVENT ENVIRONMENTAL CONTAMINATION.

Handling And Storage Precautions: KEEP AWAY FROM OPEN FLAME OR OTHER IGNITION SOURCES. DO NOT STORE ABOVE 120F. MAINTAIN ADEQUATE VENTILATION AND 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 THESE AREAS WHERE LARGE QUANTITIES OF VAPORS ARE SUSPECTED OR 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: =93.9C, 201.F

Autoignition Temp Text: NA

Extinguishing Media: CARBON DIOXIDE, FOAM, DRY CHEMICAL

Fire Fighting Procedures: FIREFIGHTERS SHOULD WEAR NIOSH APPROVED, POSITIVE PRESSURE S

ELF CONTAINED BREATHING APPARATUS TO AVOID EXPOSURE FROM DECOMPOSITION PRODUCTS. PROPER EYE AND SKIN PROTECTION SHOULD BE USED. IF A SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE VAPORS AND 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.

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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 AND 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 AND WHERE LEAKAGE IS PROBABLE. USE MECHANICAL VENTILATION FOR STORAGE

AREAS.

Protective Gloves: POLYETHYLENE, NEOPRENE OR PVC PROTECTIVE GLOVES

Eye Protection: SPLASH-PROOF GOGGLES.

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 1910.132 AND 29CFR 1910.133

Work 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 C

CONTAMINATED CLOTHING BEFORE REUSE

Supplemental Safety and Health: NO DATA PROVIDED BY MANUFACTURER.

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Physical/Chemical Properties
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HCC: V6

Boiling Point: =190.6C, 375.F

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, ODOR: MILD

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.

Materials 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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Toxicological Information: NO DATA PROVIDED BY MANUFACTURER.

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Ecological Information
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Ecological: NO DATA PROVIDED BY MANUFACTURER.

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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 ON THE TOXIC SUBSTANCES CONTROL ACT (TSCA) CHEMICAL INVENTORY.
State Regulatory Information: NO DATA PROVIDED BY MANUFACTURER.
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Other Information
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Other Information: NFPA RATING: HEALTH-1, FIRE-1, REACTIVITY-0.
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Transportation Information
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Responsible Party Code: UO346
Trans ID NO: 156957
Product ID: BREAK-FREE CLP LIQUID
MSDS Prepared Date: 04/04/1997
Review Date: 05/15/2001
MFN: 2
Net Unit Weight: 0.2 LBS
Multiple KIT Number: 0
Unit Of Issue: BT
Container QTY: Q
Type Of Container: PPPC186,A,2
Additional Data: NOT REGULATED PER MSDS.
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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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me: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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HAZCOM Label
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Product ID: BREAK-FREE CLP LIQUID

Cage: UO346

Assigned IND: Y

Company Name: BREAK-FREE INCORPORATED

Street: 1035 S LINWOOD AVENUE

City: SANTA ANA CA

Zipcode: 92705-4396

Health Emergency Phone: 800-255-3924 CHEM-TEL

Label Required IND: Y

Date Of Label Review: 05/15/2001

Status Code: A

Year Procured: 2001

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: WARNING

Respiratory Protection IND: NO

Health Hazard: Moderate

Contact Hazard: Slight

Fire Hazard: Slight

Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS: N/P. PROLONGED AND REPEATED CONTACT WITH THE SKIN COULD CAUSE IRRITATION AND POSSIBLE DERMATITIS.

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Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense.

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