

BREAK-FREE, INCORPORATED -- BREAK-FREE CLP, LIQUID P/N N76-100

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MSDS Safety Information  
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FSC: 1020  
NIIN: 01-299-9281  
MSDS Date: 10/30/1991  
MSDS Num: BNVDY  
Product ID: BREAK-FREE CLP, LIQUID P/N N76-100  
MFN: 01  
Responsible Party  
Cage: MO767  
Name: BREAK-FREE, INCORPORATED  
Address: 1035 S. LINWOOD AVENUE  
City  
: SANTA ANA CA 92705-4396  
Info Phone Number: 714-953-1900  
Emergency Phone Number: 800-424-9300 CHEMTREC(714-953-1900)  
Preparer's Name: DONALD E. YODER  
Proprietary Ind: Y  
Review Ind: Y  
Published: Y

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Contractor Summary  
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Cage: 65983  
Name: BREAK-FREE INC  
Address: 13386 INTERNATIONAL PARKWAY  
City: JACKSONVILLE FL 32218  
Phone: 800-428-0588/ 904-741-5400  
Cage: MO767  
Name: BREAK-FREE, INCORPORA  
TED  
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: S9C  
Item Name: CLEANER, LUBRICANT AND PRESERVATIVE  
Specification Number: MIL-L-63460D  
Unit of Issue: EA  
UI Container Qty: UNKNOWN  
Type of Container: UNKNOWN

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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 (ORAL RAT) IS >500 MG/KG

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

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

CONTACT ON THE SKIN COULD CAUSE IRRITATION AND POSSIBLE DERMATITIS.

REPETITIVE AND CONTINUOUS EXPOSURES TO HIGH VAPOR LEVELS OR DIRECT CONTACT ON SKIN COULD RESULT IN LIVER/KIDNEY DAMAGE.

Explanation Of Carcinogenicity: NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Signs And Symptions Of Overexposure: MAY CAUSE IRRITATION TO NOSE AND THROAT.

SOLVENT VAPORS MAY CAUSE IRREGULAR HEARTBEATS, LIGHTHEADEDNESS, DIZZINE SS,

NAUSEA TO UNCONSCIOUSNESS AND POSSIBLY BE LETHAL. AABSORPTION THROUGH THE SKIN MAY C AUSE SYSTEMIC EFFECTS TO BLOOD, LIVER AND KIDNEYS. MAY BE IRRITATING TO DIGESTIVE TRACT WITH SYSTEMIC EFFECTS TO LUNGS.

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

First Aid: INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES

HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOV E CONTAMINATED CLOTHING. WASH WITH SOAPAND WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.

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Handling and Disposal  
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Spill Release Procedures: WIPE/SOAK UP WITH PAPER TOWEL OR INERT ABSORBANT. PUT IN DISPOSAL

CONTAINER. REMOVE RESIDUE WITH WATER.

Waste Disposal Methods: DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. INCINERATION IS NORMALLY PREFERRED. NEVER DUMP INTO THE SEWER OR ON THE GROUND OR INTO ANY NAVI GATIBLE WATERS, STREAMS, LAKES OR RIVERS.

Handling And Storage Precautions: DO NOT STORE ABOVE 120 F. DO NOT USE AROUND OPEN FLAMES. MAINTAIN ADEQUATE VENTILATION. VAPORS ARE HEAVIER THAN AIR AND COLLECT IN LOW PLACES.

Other Pr

ecautions: DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. FOR INDUSTRIAL USE ONLY.

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Fire and Explosion Hazard Information  
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Flash Point Method: PMCC

Flash Point Text: >200F,>93C

Lower Limits: UNKNOWN

Upper Limits: UNKNOWN

Extinguishing Media: US

E WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard: SOLVENT VAPORS, WHEN CONCENTRATED IN CONFINED OR POORLY VENTILATED AREAS MAY FLASH UPON CONTACT WITH FLAMES, SPARKS OR HIGH INTENSITY HEAT SOURCES.

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Control Measures  
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Respiratory Protection: IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED ORGANIC VAPOR CARTRIDGE AND DUST/MIST PRE-FILTER RESPIRATORS AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/ WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation: GENERAL DILUTION OR LOCAL EXHAUST SUFFICIENT TO MAINTAIN ADEQUATE AIR EXCHANGE TO AVOID VAPOR BUILD-UP.

Protective Gloves: POLYETHYLENE, NEOPRENE OR PVC.

Eye Protection: SAFETY GO

GGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment: EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health: AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS. ALL MSDS FROM BREAK-FREE ARE COSIDERED PROPRIETARY,FORMULA INFORMATION

AND ARE TO BE  
TREATED AS CONFIDENTIAL, DISCLOSED ONLY FOR HEALTH AND SAFETY PURPOSES.

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Physical/Chemical Properties  
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HCC: N1  
B.P. Text: 140F,60C  
M.P/F.P Text: &lt;-75F,&lt;-59C  
Decomp Text: UNKNOWN  
Vapor Pres: UNKNOWN  
Vapor Density: 2.4(AIR=1)  
Spec Gravity: 0.9  
Evaporation Rate & Reference: 3.8 (SOLVENTS ONLY)  
Solubility in Water: NEGLIGIBLE  
Appearance and Odor: LIGHT AMBER COLO  
RED LIQUID WITH SLIGHT FRUITY ODOR.  
Percent Volatiles by Volume: 26.0  
Corrosion Rate: UNKNOWN

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Reactivity Data  
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Stability Indicator: YES  
Stability Condition To Avoid: HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF  
IGNITION  
Materials To Avoid: STRONG OXIDIZING AGENTS  
Hazardous Decomposition Products: OXIDES OF CARBON, SULFUR AND NITROGEN, ACIDIC  
PRODUCTS OF THERMAL DECOMPOSITION, INCLUD  
ING HYDROGEN CLORIDE, PHOSGENE.  
Hazardous Polymerization Indicator: NO

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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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Other Information  
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Transportation Information  
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Responsible Party Cage: MO767  
Trans ID NO: 123316  
Product ID: BREAK-FREE CLP, LIQUID P/N N76-100  
MSDS Prepa

red Date: 10/30/1991  
Review Date: 09/22/1992  
MFN: 1  
Net Unit Weight: UNKNOWN  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: EA  
Container QTY: UNKNOWN  
Type Of Container: UNKNOWN

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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 P/N N76-100  
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: 800-424-9300 CHEMTREC(714-953-1900)  
Label Required IND: Y  
Date Of Label Review:

09/22/1992

Status Code: C

Label Date: 09/22/1992

Origination Code: F

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Respiratory Protection IND: YES

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 CONTACT ON THE SKIN COULD CAUSE IRRITATION AND POSSIBLE DE  
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