

BREAK-FREE, INCORPORATED -- BREAK-FREE CLP, LIQUID P/N N5-200

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MSDS Safety Information
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FSC: 1020
NIIN: 01-299-9280
MSDS Date: 10/30/1991
MSDS Num: BNVDX
Product ID: BREAK-FREE CLP, LIQUID P/N N5-200
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, INCORPORAT
ED
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: CLEANING KIT,GUN
Specification Number: MIL-L-63460D
Unit of Issue: EA
UI Container Qty: 0
Type of Container: UNKNOWN

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Ingredients
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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 Symptoms Of Overexposure: MAY CAUSE IRRITATION TO NOSE AND THROAT. SOLVENT VAPORS MAY CAUSE IRREGULAR HEARTBEATS, LIGHTHEADEDNESS, DIZZINESS, NAUSEA TO UNCONSCIOUS

NESS 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 Precautions: DO NOT TAKE INT
ERNALLY. 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: USE WATER FOG, CARBON DIOXID
E, 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 GOGGLES WITH OPTIONAL FACE S
HIELD

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 A

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Physical/Chemical Properties
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HCC: N1
B.P. Text: 140F,60C
M.P/F.P Text: <-75F,<-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 COLORED 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, INCLUDING 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: 123315
Product ID: BREAK-FREE CLP, LIQUID P/N N5-200
MSDS Prepared 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: 0
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 Shippin
g 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 N5-200
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 Da

te: 09/22/1992
Year Procured: 1991
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 DERMATITIS.

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