

BREAK-FREE DIV OF SAN/BAR CORP -- BREAK-FREE CLP LIQUID -- 9150-01-054-6453

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Product Identification
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Product ID: BREAK-FREE CLP LIQUID

MSDS Date: 08/11/1995

FSC: 9150

NIIN: 01-054-6453

MSDS Number: CCCDS

=== Responsible Party ===

Company Name: BREAK-FREE DIV OF SAN/BAR CORP

Address: 1035 S LINWOOD AVE

Box: 25020

City: SANTA ANA

State: CA

ZIP: 92705-4396

Country: US

Info Phone Num: 714-953-1900

Emer

gency Phone Num: 714-953-1900

Preparer's Name: DONALD E. YODER

CAGE: 65983

=== Contractor Identification ===

Company Name: BREAK-FREE INC

Address: 13386 INTERNATIONAL PARKWAY

Box: City: JACKSONVILLE

State: FL

ZIP: 32218

Country: US

Phone: 800-428-0588 / 904-741-5400

CAGE: 65983

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Composition/Information on Ingredients
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Ingred Name: 1-DECENE, HOMOPOLYMER, HYDROGENATED

CAS: 68037-01-4

Fraction by Wt: 53.6%

Other REC Limits: NONE RECOMMENDED

Ingred Name: SYNTHETIC INHIBITORS AND LUBRIC

ATION ADDITIVES
(PROPRIETARY)

Fraction by Wt: 23%

Other REC Limits:NONE RECOMMENDED

Ingred Name:DIBASIC ESTER #1 (MIXTURE)

Fraction by Wt: 3.6%

Other REC Limits:NONE RECOMMENDED

Ingred Name:PETROLEUM HYDROCARBON,

CAS:64742-47-8

RTECS #:OA5504000

Fraction by Wt: 9.8%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:ETHYLHEXYL ACETATE

CAS:103-09-3

RTECS #:AH5600000

Fraction by Wt: 10%

Other REC Limits:NONE RECOMMENDED

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=== Hazards Identification =====

LD50 LC50 Mixture:LD50 > 5G/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards 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 IRR

ITATION AND DERMATITIS.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.

Effects of Overexposure:RESPIRATORY IRRITATION/DISCOMFORT, DIZZINESS,
WEAKNESS, FATIGUE, NAUSEA, HEADACHES, UNCONSCIOUSNESS, CHEMICAL
PNEUMONIA, SKIN REDNESS/IRRITATION, DERMATITIS, EYE IRRITATION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measure

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First Aid: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.

===== Fire Fighting Measures =====

Flash Point Method:PMCC
Flash Point:174F,79C
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:DRY CHEMICAL,CARBON DIOXIDE,FOAM.
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER
FOG.
Unusual Fire/Explosion Hazard:FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.A
DIRECT WATER STREAM MAY SPREAD BURNING LIQUID.

===== Accidental Release Measures =====

Spill Release Procedures: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.

===== Handling and Storage =====

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.
Other Precautions:NOTE THAT SOME VAPORS ARE HEAVIER 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.

===== Exposure Controls/Personal Protection =====

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 DIS PLACED 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.

Supplemental Safety and Health
WASH CONTAMINATED CLOTHING BEFORE REUSE.

===== Physical/Chemical Properties =====

HCC:V4

Boiling Pt:B.P. Text:375F,191C

Melt/Freeze Pt:M.P/F.P Text:-75F,-59C

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:0.88

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:NIL

Appearance and Odor:LIGHT AMBER LIQUID, MILD ODOR.

Percent Volatiles by Volume:24.5

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HIGH HEAT,SOURCES OF IGNITION.

Hazardous Decomposition Products:OXIDES OF CARBON, SULFUR, NITORGEN AND PTFE POWDER

===== Disposal Considerations =====

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LIN

ER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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