

BREAK-FREE DIV OF SAN/BAR CORP -- BREAK-FREE CLP AEROSOL (NON-CHLORINATED FORMULA) -- 6850-00-105-3084

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===== Product Identification =====

Product ID: BREAK-FREE CLP AEROSOL (NON-CHLORINATED FORMULA)

MSDS Date: 07/09/1992

FSC: 6850

NIIN: 00-105-3084

MSDS Number: BSTWZ

=== Responsible Party ===

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

Address: 1035 S LINWOOD AVE

Box: 25020

City: SANTA ANA

State: CA

ZIP:

92799-5020

Country: US

Info Phone Num: 714-953-1900/202-483-7616

Emergency Phone Num: 800-424-9300(CHEMTREC)/202-483-7616

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 =====

Ingred Name: POLYALPHAOLEFIN BASE STOCK

CAS: 68649-12-7

Fraction by Wt: 61.

6%

Other REC Limits: NONE RECOMMENDED

Ingred Name: PROPRIETARY INGREDIENTS (SYNTHETIC OILS, ESTERS AND OTHER INGREDIENTS)

Fraction by Wt: 16.4%

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED.

ACGIH TLV: NOT ESTABLISHED.

Ingred Name: HYDROTREATED HEAVY NAPHTHENIC DISTILLATE, PETROLEUM/LUBRICATING OIL BASE STOCK

CAS: 64742-52-5

RTECS #: PY8035000

Fraction by Wt: 1.2%

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 5 MG/M3 OIL MIST

ACGIH TLV: 5 MG/M3 OIL MIST

Ingred Name: ETHYLHEXYL ACETA

TE  
CAS:103-09-3  
RTECS #:AH5600000  
Fraction by Wt: 13.5%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:DIBASIC ESTER  
Fraction by Wt: 4.4%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:CARBON DIOXIDE  
CAS:124-38-9  
RTECS #:FF6400000  
Fraction by Wt: 2.9%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5000 PPM  
ACGIH TLV:5000PPM/30000STEL;94

===== Hazards Identification =====

LD50 LC50 Mixture:LD50 >5G/KG, LOW LEVEL OF TOXICITY.  
Routes of Entry: Inhalation:YES Skin:YE  
S Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:SKIN- PROLONGED AND REPEATED CONTACT  
ON THE SKIN COULD CAUSE IRRITATION AND POSSIBLE DERMATITIS.  
INHALATION- RESPIRATORY IRRITATION AND DISCOMFORT MAY RESULT.  
EXCESSIVE INHALATION MAY CAUSE CENTRAL NE RVOUS SYSTEM EFFECTS.  
INGESTION- MAY CAUSE IRRITATION TO DIGESTIVE TRACT. EYES- POSSIBLE  
TRANSIENT IRRITATION.  
Effects of Overexposure:INHALATION- DIZZINESS, WEAKNESS, FATIGUE,  
  
NAUSEA, HEADACHES AND POSSIBLE UNCONSCIOUSNESS WITH EXCESSIVE  
INHALATION. SKIN- POSSIBLE SLIGHT TO MODERATE REDNESS MAY OCCUR  
WITH EXTENDED DAILY EXPOSURE.  
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN, EYE AND  
RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO MATERIAL.

===== First Aid Measures =====

First Aid:EYES- FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES.  
SKIN- WASH WITH SOAP AND WATER, LAUNDER CONTAMINATED C

## LOTHING

BEFORE REUSE. INGESTION- DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK LARGE QUANTITIES OF WATER AND SEEK IMMEDIATE MEDICAL ATTENTION. INHALATION- MOVE TO FRESH AIR. CALL A PHYSICIAN IF ANESTHETIC OR NARCOTIC EFFECTS RESULT. ASSIST WITH BREATHING SUPPORT MEASURES IF NEEDED.

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

Flash Point Method:PMCC

Flash Point:201F,94C

Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL.

Fire Fighting Procedures:U

USE NORMAL PROCEDURES FOR OIL. WATER AND FOAM

MAY CAUSE FROTHING. IF A LEAK OR SPILL HAS NOT IGNITED USE WATER SPRAY TO DISPERSE VAPORS AND/OR COOL CONTAINERS.

Unusual Fire/Explosion Hazard:FIREFIGHTERS SHOULD WEAR NIOSH-APPROVED, SELF-CONTAINED BREATHING APPARATUS TO AVOID EXPOSURE TO DECOMPOSITION PRODUCTS. USE IN THE POSITIVE-PRESSURE MODE.

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

Spill Release Procedures:IF POORLY VENTILATED, USE RESPIRATORY PRO

TECTION. FOLLOW ALL INDUSTRIAL PRACTICES FOR CLEANING

SOLVENT/OIL SPILLS. DIKE THE AREA TO CONFINE THE SPILL, SHUT OFF IGNITION SOURCES AND USE A GOOD ABSORBENT TO SOAK UP THE SPILL. STORE IN CLOSED CONTAINERS.

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

Handling and Storage Precautions:DO NOT STORE ABOVE 120F. DO NOT USE AROUND OPEN FLAMES. MAINTAIN ADEQUATE VENTILATION. KEEP FROM CHILDREN. VAPORS CAN COLLECT IN LOW AREAS.

Other Precautions:DO NOT E

ENTER THOSE AREAS WHERE LARGE QUANTITIES OF

VAPORS ARE SUSPECTED OF COLLECTING UNTIL EXCHANGING THE AIR OR USING SPECIAL BREATHING APPARATUS.

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

Respiratory Protection:NOT REQUIRED IN NON-CONFINED AREAS OR WELL VENTILATED AREAS. FOR EMERGENCIES OR FOR WORKING IN CONFINED AREAS WITH LOW AIR EXCHANGE, FOLLOW OSHA STD. 29 CFR 1910.133.

Ventilation:GENERAL DILUTION OR LOCAL EXHAUST SUFFICIENT TO MAINTAIN ADEQUATE A

IR EXCHANGE TO AVOID VAPOR BUILD-UP.

Protective Gloves:POLYEHTYLENE, NEOPRENE OR PVC.

Eye Protection:COMPLY WITH OSHA STD. 29 CFR 1910.133

Other Protective Equipment:NOT REQUIRED.

Work Hygienic Practices:DO NOT SMOKE, EAT OR DRINK WHILE USING THE  
PRODUCT. WASH HANDS WITH SOAP & WATER BEFORE SMOKING, EATING OR  
USING TOILET.

Supplemental Safety and Health

NONE

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

HCC:G3

Boiling Pt:B.P. Text:378F,192C

Vapor Pres:0.04

Vapor

Density:5.9

Spec Gravity:0.86

Evaporation Rate & Reference: