

BRULIN & COMPANY INC -- SOLVENT DEGREASER,FED SPEC O-C 1889 -- 6850-00-941-5054

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

Product ID:SOLVENT DEGREASER,FED SPEC O-C 1889

MSDS Date:01/15/1985

FSC:6850

NIIN:00-941-5054

MSDS Number: BFYJV

=== Responsible Party ===

Company Name:BRULIN & COMPANY INC

Box:270-B

City:INDIANAPOLIS

State:IN

ZIP:46206-0270

Info Phone Num:800-428-7149;317-923-3211

Emergency Phone

Num:800-428-7149;317-923-3211

CAGE:DO828

=== Contractor Identification ===

Company Name:BRULIN & COMPANY,INC.

Box:270-B

City:INDIANAPOLIS

State:IN

ZIP:46206-0270

Country:US

Phone:317-923-3211

CAGE:DO828

Company Name:BRULIN AND CO INC

Address:2920 DR ANDREW J BROWN AVE

Box:270

City:INDIANAPOLIS

State:IN

ZIP:46205-0270

Country:US

Phone:317-923-3211

CAGE:94058

===== Composition/Information on Ingredients =====

Ingred Name:METHYLENE CHLORIDE (SARA III)

CAS:75-09-2

RTECS #:PA80500

00

Fraction by Wt: 10-30%

Other REC Limits:100 PPM

OSHA PEL:500 PPM/C,1000; Z2

ACGIH TLV:50 PPM, A2; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:PERCHLOROETHYLENE (TETRACHLOROETHYLENE) (SARA III)

CAS:127-18-4

RTECS #:KX3850000

Fraction by Wt: 30-50%

Other REC Limits:50 PPM

OSHA PEL:100 PPM

ACGIH TLV:25PPM/100,A3 STEL;94

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:STODDARD SOLVENT

CAS:8052-41-3

RTECS #:WJ8925000

Fraction by Wt: 50-70%

Other REC Limits:200 PPM

OSHA PEL:50

0 PPM

ACGIH TLV:100 PPM; 9293

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

LD50 LC50 Mixture:N/K

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE:DIZZNESS,ANESTHETIC EFFECT. SKIN  
& EYE IRRITATION. CHRONIC:NONE KNOWN.

Explanation of Carcinogenicity:M.CHLORIDE:ACGIH-SUSPECT HMN

CARC;IARC-SUFF FOR ANIM,INADQ FOR

HMN(VOL.41;86).TETRACHLOROETHYLENE:IARC-LIMITED

(SUP DAT)

Effects of Overexposure:SEE HEALTH HAZARD DATA .

Medical Cond Aggravated by Exposure:N/K

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

First Aid:EYE:IMME FLUSH W/LGE AMTS OF WTR FOR AT LEAST 15 MIN WHILE  
LIFTING UPPER & LOWER LIDS OCCASIONALLY.GET MED ATTN.SKIN:WASH  
W/MILD SOAP & WTR.RMOV CONTAM CLTHNG.INHAL:RMOV TO FRESH  
AIR.SUPPORT BRE ATHING (GIVE O+2/ARTIFICIAL RESPIRATION).  
INGESTION:KEEP WARM, QUIET. CALL A PHYSICIAN.

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

Flash Point Method:TCC

Flash Point:185F/85C (COC)

Lower Limits:N/K

Upper Limits:N/K

Extinguishing Media:DRY CHEMICAL,CARBON DIOXIDE,FOAM

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:WATER FOG TO COOL CLOSED CONTAINERS

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. VENTILATE THE AREA WELL.

ABSORB ON SOLID ABSORBENT & SHOVEL INTO CONTAINERS.

Neutralizing Agent:N/K

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

Handling and Storage Precautions:STORE BETWEEN 40-120F OR -4.4 TO 48.9C.

Other Precautions:NO SMKNG IN AREA OF USE.DO NOT USE IN GEN VICINITY OF ARC WELDNG,OPEN FLAME/HOT SURFACE.HEAT &/UV RADIATION MAY CAUSE THE FORMATION OF HCL &/PHOSGENE .

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

Respiratory Protection:IF TLV

'S ARE EXCEEDED, NIOSH/MSHA APPROVED CARTRIDGE MASK FOR ORGANIC VAPORS.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL &/LOCAL EXHAUST)VENTILATION TO MAINTAIN EXPOSURE BELOW TLV (S).

Protective Gloves:APPROPRIATE, IMPERVIOUS .

Eye Protection:CHEMICAL WORKER GOGGLES .

Other Protective Equipment:AS NECESSARY TO PREVENT PROLONGED CONTACT

Work Hygienic Practices:N/K

Supplemental Safety and Health

PH:N.CARCINOGEN:EVIDENCE IN ANIMALS(VOL.20;PG 505).

## ===== Physical/Chemical

Properties =====

HCC:T4

Boiling Pt:B.P. Text:200F/93C

Melt/Freeze Pt:M.P/F.P Text:N/K

Decomp Temp:Decomp Text:N/K

Vapor Density:>1

Spec Gravity:1.01

pH:N/K-FP

Evaporation Rate & Reference:2.5 (NBA)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:COLORLESS LIQUID,CHLORINATED SOLVENT ODOR.

Percent Volatiles by Volume:100

Corrosion Rate:

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

St

ability Condition to Avoid:HEAT & OPEN FLAMES

Hazardous Decomposition Products:HCL & PHOSGENE . CARBON MONOXIDE &  
HYDROGEN CHLORIDE UPON BURNING.

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

Waste Disposal Methods:DISPOSE ACCORDING TO FEDERAL,STATE AND LOCAL  
LAWS AND IN COMPLIANCE WITH CFR 40.

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