

BRULIN & COMPANY INC -- SOLVENT DEGREASER,FED SPEC O-C 1889 -- 6850-00-597-9765
===== Product Identification =====

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

MSDS Date:01/15/1985

FSC:6850

NIIN:00-597-9765

MSDS Number: BFHDR

=== Responsible Party ===

Company Name:BRULIN & COMPANY INC

Address:2920 DR ANDREW J BROWN AVE

Box:270

City:INDIANAPOLIS

State:IN

ZIP:46205

Country:US

Info Phone Num:317-9

23-3211

Emergency Phone Num: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

RTEC

S #:PA8050000
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:500 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:DIZZINESS,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:I
ARC-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
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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

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Accidental Release Measures
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Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. VENTILATE THE AREA WELL. ABSORB ON SOLID ABSORBENT & SHOVEL INTO CONTAINERS.
Neutralizing Agent:N/K

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Handling and Storage
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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 .

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Exposure Controls/Personal Protection
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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).

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Physic
=====

al/Chemical Properties =====

HCC:T4

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

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 OXIDIZI

NG AGENTS

Stability 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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