

BRULIN AND CO INC -- BRULIN SD 1291 -- 6850-01-394-0167

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

Product ID:BRULIN SD 1291

MSDS Date:06/14/1999

FSC:6850

NIIN:01-394-0167

MSDS Number: CKCWF

=== Responsible Party ===

Company Name:BRULIN AND CO INC

Address:2920 DR ANDREW J BROWN AVE

Box:270

City:INDIANAPOLIS

State:IN

ZIP:46205-0270

Country:US

Info Phone Num:317-923-3211

Emergency Phone Num:(800)424-9300

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reparer's Name:NOT PROVIDED

Chemtrek Ind/Phone:(800)424-9300

CAGE:94058

=== Contractor Identification ===

Company Name:BRULIN AND CO INC

Address:2920 DR ANDREW J BROWN AVE

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ZIP:46205-0270

Country:US

Phone:317-923-3211

Contract Num:SP0450-00-M-D445

CAGE:94058

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Phone:317-923-3211

Contract Num:SP0450-01-M-ZH77

CAGE:94058

===== Comp

osition/Information on Ingredients =====

Ingred Name:ETHYL 3-ETHOXYPROPIONATE
CAS:763-69-9
RTECS #:UF3325000
Minumum % Wt:10.
Maxumum % Wt:30.
Other REC Limits:50 PPM (MFR)

Ingred Name:DIPROPYLENE GLYCOL METHYL ETHER
CAS:34590-94-8
RTECS #:JM1575000
Minumum % Wt:50.
Maxumum % Wt:70.
Other REC Limits:NOT PROVIDED
OSHA PEL:600 MG/M3;100 PPM
ACGIH TLV:606 MG/M3;100 PPM
ACGIH STEL:909 MG/M3;150 PPM

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

LD50 LC50 Mixture:N
OT PROVIDED
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:DIRECT CONTACT MAY CAUSE MODERATE EYE
IRRITATION. EXCESSIVE INHALATION MAY CAUSE RESPIRATORY IRRITATION.
MODERATELY TOXIC IF INGESTED. PROLONGED OR REPEATED SKIN CONTACT
MAY CAUSE IRRITATION. CHRONIC SKIN EXPOSURE MAY CAUSE DERMATITIS.
OVEREXPOSURE BY AIR AND/OR PROLONGED SKIN CONTACT MAY CAUSE
TEMPORARY BLURRING OF VISION

Explanation of Carcinogenicity:NONE
Effects of Overexposure:EYE CONTACT MAY CAUSE REDNESS, TEARING. SKIN
IRRITATION MAY BE SEEN AS REDNESS. EXCESSIVE INHALATION MAY CAUSE
HEADACHE, NAUSEA, DIZZINESS. INGESTION MAY CAUSE GASTROINTESTINAL
IRRITATION, NAUSEA, VOM ITING, DIARRHEA.
Medical Cond Aggravated by Exposure:NONE KNOWN.

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

First Aid:EYE: FLUSH WITH LARGE AMOUNT OF WATER FOR 15 MINUTES LIFTING
UPPER AND LOWE

R LIDS OCCASIONALLY. GET MEDICAL ATTENTION.

INHALATION: REMOVE TO FRESH AIR. ADMINISTER OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. SKIN: WASH WITH MILD SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. IF IRRITATION PERSISTS, CONSULT A PHYSICIAN. INGESTION: GIVE TWO GLASSES OF WATER AND INDUCE VOMITING IMMEDIATELY BY STICKING FINGER DOWN THROAT. CALL A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON.

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

Flash Point Method:PMCC

Flash Point:=-68.3C, 155.F

ALSO 157F COC

Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICALS.

Fire Fighting Procedures:FULL PROTECTIVE EQUIPMENT WITH SELF-CONTAINED BREATHING APPARATUS SHOULD BE WORN. DURING EMERGENCY CONDITIONS, OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. GET MEDICAL ATTENTION. WATER MAY BE USED TO COOL AND PROTECT CLOSED CONTAINERS EXPOSED TO EXTREME HEAT.

Unusual Fire/Explosion Hazard:WARNING! COMBUSTIBLE LIQUID. KEEP AWAY FROM HEAT AND OPEN FLAME. NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM, EVEN EMPTY.

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. VENTILATE THE AREA WELL. ABSORB ON SOLID ABSORBENT AND SHOVEL INTO CONTAINERS. FLUSH RESIDUES WITH WATER.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE BETWEEN 40 AND 120F. KEEP CONTAINERS TIGHTLY CLOSED.

Other Precautions:NOT PROVIDED

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

Respiratory Protection:IF RECOMMENDED LIMITS ARE EXCEEDED, USE A NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPORS. CONTACT YOUR LOCAL SAFETY EQUIPMENT SUPPLIER FOR RECOMMENDATIONS.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL

EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV.

Protective Gloves: BUTYL RUBBER.

Eye Protection: GOGGLES OR FULL FACE SHIELD.

Other Protective Equipment: AS NECESSARY TO PREVENT SKIN CONTACT.

Work Hygienic Practices: USE ONLY WITH ADEQUATE VENTILATION. AVOID BREATHING VAPOR AND MIST. AVOID CONTACT WITH SKIN AND EYES. DO NOT TAKE INTERNALLY. WASH THOROUGHLY AFTER HANDLING. OBSERVE "NO SMOKING" WHEN USING THIS PRODUCT.

Supplemental Safety and Health

PRODUCT NUMBER: 304012

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

HCC: V4

NRC/State Lic Num: NOT RELEVANT

Boiling Pt: B.P. Text: 212-350F

Melt/Freeze Pt: