

BRULIN AND CO INC -- 815 AF -- 6850-01-423-1086

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

Product ID:815 AF  
MSDS Date:05/23/1997  
FSC:6850  
NIIN:01-423-1086  
MSDS Number: BYRYZ  
=== 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 OR 800-428-7149  
Emergency Phone Num:800-424-9300 CHE  
MTREC  
CAGE:94058  
=== Contractor Identification ===  
Company Name:BRULIN AND CO INC  
Address:2920 DR ANDREW J BROWN AVE  
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City:INDIANAPOLIS  
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ZIP:46205-0270  
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===== Composition/Information on Ingredients =====

Ingred Name:ETHANOLAMINE  
CAS:141-43-5  
RTECS #:KJ5775000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:3 PPM  
ACGIH TLV:3 PPM/6 STEL; 9596

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

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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYE-DIRECT CONTACT MAY CAUSE IRRITATION. INGESTION-MAY CAUSE GASTROINTESTINAL IRRITATION & IRRITATION OF MOUTH & THROAT. SKIN-PROLONGED OR REEATED SKIN CONTACT MAY CAUSE IRRITATION. INHALATION-EXCESSI VE EXPOSURE MAY CAUSE RESPIRATORY IRRITATION.  
Explanation of Carcinogenicity:NO INGRED IENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.  
Effects of Overexposure:EYE CONTACT MAY CAUSE IRRITATIONN, SEEN AS REDNESS AND SWELLING. PROLONGED SKIN CONTACT MAY CAUSE IRRITATION, SEEN AS REDNESS. EXCESSIVE INHALATION OF MIST MAY BE IRRITATING & CAUSE COUGHING & DISCOMF ORT IN THE NOSE, THROAT & CHEST. INGESTION MAY CAUSE PAIN OR DISCOMFORT IN THE MOUTH, THROAT & STOMACH.  
Medical Cond Aggravated by Exposure:NONE KNOWN.

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

First Aid:EYE-FLUSH WITH LARGE AMOUNTS OF WATER FOR 15MINS LIFTING UPPER/LOWER LIDS OCCASIONALLY. SEE PHYSICIAN. INHALE-REMOVE TO FRESH AIR. SKIN-WASH W/MILD SOAP & WATER. REMOE CONTAMINED CLOTHING. INGEST-IF C ONSCIOUS, DILUTE BY GIVING 2 GLASSES OFWATER. KEEP WARM, QUIET AND CALL PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

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

Flash Point:NONE  
Extinguishing Media:NA. DLA-HMIS: USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:NONE.  
Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:SMALL SPILL-ABSORB ON SOLID ABSORBENT AND SHOVEL INTO CONTAINER FOR DISPOSAL.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE BETWEEN 40 AN

D 120F.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NONE NORMALLY REQUIRED.

Ventilation:MECHANICAL (GENERAL): SUFFICIENT.

Protective Gloves:RECOMMENDED.

Eye Protection:RECOMMENDED.

Other Protective Equipment:NONE.

Work Hygienic Practices:AVOID BREATHING SPRAY MIST. WASH HANDS AFTER HANDLING. LAUNDRY CONTAMIN CLOTHING PRIOR TO REUSE.

Supplemental Safety and Health

NONE

===== Physi  
cal/Chemical Properties =====

HCC:N1

Boiling Pt:B.P. Text:212F,100C

Melt/Freeze Pt:M.P/F.P Text:30.0F,-1.1C

Vapor Pres:0.2

Vapor Density:2.1

Spec Gravity:1.07

Evaporation Rate & Reference:1.0 (WATER=1)

Solubility in Water:COMPLETE

Appearance and Odor:LIGHT YELLOW LIQUID, MILD ODOR.

Percent Volatiles by Volume:69.34

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS.

Stability Condition to Avoid:FREEZING

Hazardous Decomposition Products:NONE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

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

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