

BRULIN & CO INC -- 815 MX -- 7930-01-098-8744

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Product Identification  
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Product ID:815 MX  
MSDS Date:04/01/1987  
FSC:7930  
NIIN:01-098-8744  
MSDS Number: BNPVS  
=== Responsible Party ===  
Company Name:BRULIN & CO INC  
Address:2920 DR ANDREW J BROWN AVE  
Box:270-B  
City:INDIANAPOLIS  
State:IN  
ZIP:46206  
Country:US  
Info Phone Num:317-923-3211;800-428-7149  
Emergency Phone Num:317-923-3233;800-424-9300  
(CHEMTREC)  
CAGE:IO291  
=== Contractor Identification ===  
Company Name:BRULIN & CO INC  
Box:270-B  
City:INDIANAPOLIS  
State:IN  
ZIP:46206-0270  
Country:US  
Phone:317-923-3211;800-428-7149  
CAGE:IO291  
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

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Composition/Information on Ingredients  
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Ingred Name:ETHANOL,2-AMINO-; (ETHANOLAMINE). VP: 0.2@68F. VAP DENS:  
2.1  
CAS:

141-43-5  
RTECS #:KJ5775000  
Fraction by Wt: 1-5%  
OSHA PEL:3 PPM;6 STEL  
ACGIH TLV:3 PPM;6 STEL

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYE-DIRECT CONTACT MAY CAUSE IRRITATION. INGEST: MAY CAUSE GASTROINTESTINAL IRRITATION & IRRITATION OF MOUTH AND THROAT. SKIN-PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION. INHAL: EXCESSIVE EXPOS URE MAY CAUSE RESPIRATORY IRRITATION.  
Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:EYE CONTACT MAY CAUSE IRRITATION, SEEN AS REDNESS & SWELLING. PROLONGED SKIN CONTACT MAY CAUSE IRRITATION, SEEN AS REDNESS. EXCESSIVE INHALATION OF MISTS MAY BE IRRITATING & CAUSE COUGHING & DISCOMFOR T IN NOSE, THROAT, & CHEST. INGESTION MAY CAUSE PAIN OR DISCOMFORT IN MOUTH, THROAT, & STOMACH.  
Medical  
Cond Aggravated by Exposure:ETHANOLAMINE MAY AGGRAVATE ASTHMA & INFLAMMATORY OR FIBROTIC PULMONARY DISEASE. MAY ALSO AGGRAVATE AN EXISTING DERMATITIS.

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

First Aid:INHAL: REMOVE TO FRESH AIR. EYE: FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MIN LIFTING LIDS OCCAS. GET MED ATTN. SKIN: WASH WITH MILD SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRER B EFORE REUSE. INGEST: DILUTE BY GIVING @LEAST 2 GLASSES OF WATER. CALL PHYS IMMED.

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

Flash Point:NONE  
Extinguishing Media:MEDIA SUITABLE FOR SURROUNDING FIRE .  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .  
Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:SM SPILLS: FLUSH TO SANITARY SEWER WITH PLENTY OF WATER. LARGE SPILLS: SOAK UP ON SOLID A

BSORBENT AND SHOVEL INTO  
CONTAINERS FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE BETWEEN 40 & 120F.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NOT NORMALLY REQUIRED. USE NIOSH/MSHA APPROVED  
RESPIRATOR IF TLV OF ETHANOLAMINE IS EXCEEDED.

Ventilation:MECH(GEN): NOR  
MALLY SUFFICIENT.

Protective Gloves:NEOPRENE/BUTYL RUBBER.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:NONE.

Work Hygienic Practices:AVOID BREATHING SPRAY MIST.

Supplemental Safety and Health  
NONE SPECIFIED BY MANUFACTURER.

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

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

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

Vapor Pres:SEE ING 1

Vapor Density:SEE ING 1

Spec Gravity:1.07(H\*2O=1)

Evaporation Rate & Reference:1.0(H  
\*2O=1)

Solubility in Water:COMPLETE

Appearance and Odor:BLUE GREEN LIQUID, CITRUS ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS AND ACIDS.

Stability Condition to Avoid:FREEZING.

Hazardous Decomposition Products:THERMAL DECOMPOSITION CAN PRODUCE CO,  
CO\*2, NO\*X.

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

Waste Disposal Methods:DISPOSE OF ACCORDING TO FEDERAL, STATE AND LOCAL

## LAWS AND 40 CFR.

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