

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

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

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
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CAGE:94058

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

Ingred Name:ETHANOL,2-AMINO-; (ETHANOLAMINE). VP: 0.2@68F. VAP DENS:
2.1
CAS:1

41-43-5
RTECS #:KJ5775000
Fraction by Wt: 1-5%
OSHA PEL:3 PPM;6 STEL
ACGIH TLV:3 PPM;6 STEL

===== 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 O
R 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 C
ond Aggravated by Exposure:ETHANOLAMINE MAY AGGRAVATE ASTHMA &
INFLAMMATORY OR FIBROTIC PULMONARY DISEASE. MAY ALSO AGGRAVATE AN
EXISTING DERMATITIS.

===== 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 G
LASSES OF
WATER. CALL PHYS IMMED.

===== 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.

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

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

SORBENT AND SHOVEL INTO
CONTAINERS FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

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

Ventilation:MECH(GEN): NORM
ALLY 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.

===== 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.

===== 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.

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

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

LAWS AND 40 CFR.

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