

BRULIN AND CO INC -- 815 MX -- 6850-00-753-4548

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Product Identification
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Product ID:815 MX
MSDS Date:01/01/1990
FSC:6850
NIIN:00-753-4548
MSDS Number: BJZCY
=== Responsible Party ===
Company Name:BRULIN AND CO INC
Box:270
City:INDIANAPOLIS
State:IN
ZIP:46206-0270
Country:US
Info Phone Num:317-923-3211
Emergency Phone Num:317-923-3233 OR 800-424-9300
CAGE:94058
=== Contractor Identificat
ion ===
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:ETHANOLAMINE
CAS:141-43-5
RTECS #:KJ5775000
Fraction by Wt: 1-5%
Other REC Limits:STEL 6 PPM
OSHA PEL:3 PPM/6 STEL
ACGIH TLV:3 PPM/6 STEL; 9192

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Hazards Identification
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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 AND IRRITATION OF MOUTH AND THROAT. SKIN-PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION. INHALATION-EXCESSIVE EXPOSURE MAY CAUSE RESPIRATORY IRRITATION.

Effects of Overexposure:EYE CONTACT MAY CAUSE IRRITATION, SEEN AS REDNESS AND SWELLING. PROLONGED SKIN CONTACT MAY CAUSE IRRITATION,

SEEN AS REDNESS. EXCESSIVE INHALATION OF MISTS MAY BE IRRITATING AND CAUSE COUGHING AND DISCOMFORT IN THE NOSE, THROAT AND CHEST. INGESTION MAY CAUSE PAIN OR DISCOMFORT IN THE MOUTH, THROAT AND STOMACH.

Medical Cond Aggravated by Exposure:ETHANOLAMINE MAY AGGRAVATE ASTHMA AND INFLAMMATORY OR FIBROTIC PULMONARY DISEASE. MAY ALSO AGGRAVATE AN EXISTING DERMATITIS.

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

First Aid:INHALATION: IF AFFECTED, REMOVE TO FRESH AIR. EYE CONTACT: FLUSH W/LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES LIFTING UPPER & LOWER LIDS OCCASIONALLY. GET MEDICAL ATTENTION. SKIN CONTACT: WASH WITH MILD SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE REUSE. INGESTION: IF CONSCIOUS, DILUTE BY GIVING AT LEAST TWO GLASSES OF WATER. CALL A PHYSICIAN IMMEDIATELY.

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

Flash Point:NONE
Fire Fighting Procedures:NONE
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:SMALL SPILLS-FLUSH TO SANITARY SEWER WITH PLENTY OF WATER. LARGE SPILLS-SOAK UP ON SOLID ABSORBENT AND SHOVEL INTO CONTAINERS FOR DISPOSAL.

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

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

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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:MECHANICAL VENTILATION IS NORMALLY SUFFICIENT.
Protective Gloves:NEOPRENE/BUTYL RUBBER W/PROLONG CONTACT.
Eye Protection:GOGGLES OR SAFETY GLASSES
Other Protective Equipment:NONE
Work Hygienic Practices:AVOID BREATHING SPRAY MIST.
Supplemental Safety and Health

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

Boiling Pt:B.P. Text:212F,100C
Melt/Freeze Pt:M.P/F.P Te
xt:30.0F,-1.1C
Vapor Pres:0.2 @ 68 F
Vapor Density:2.1
Spec Gravity:1.07
Evaporation Rate & Reference:1.0 (WATER = 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
CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDE
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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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