

BRULIN AND CO INC -- P/N 391007 815 AF -- 6850-01-394-2618

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Product Identification  
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Product ID:P/N 391007 815 AF  
MSDS Date:05/23/1997  
FSC:6850  
NIIN:01-394-2618  
MSDS Number: BWMXC  
=== 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 CHEMTREC  
CAGE:94058  
=== Contractor Identification ===  
Company Name:BRULIN AND CO INC  
Address:2920 DR ANDREW J BROWN AVE  
Box:270  
City:INDIANAPOLIS  
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ZIP:46205-0270  
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Composition/Information on Ingredients  
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Ingred Name:ETHANOLAMINE  
CAS:141-43-5  
RTECS #:KJ5775000  
Fraction by Wt: 2.5%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:3 PPM  
ACGIH TLV:3 PPM/6 STEL; 9596

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Hazards Identificat  
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ion =====

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:DIRECT CONTACT WITH EYE MAY CAUSE IRRITATION. INGESTION MAY CAUSE GASTROINTESTINAL IRRITATION & IRRITATION OF MOUTH & THROAT. EXCESSIVE INHALATION EXPOSURE MAY CAUSE RESPIRATORY IRRITATION. PROLONGED/ REPEATED SKIN CONTACT MAY CAUSE IRRITATION.

Explanatio

n of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:EYE:REDNESS, SWELLING. SKIN:REDNESS. INHALATION:COUGHING, DISCOMFORT IN NOSE, THROAT, CHEST. INGESTION:PAIN OR DISCOMFORT IN MOUTH, THROAT, STOMACH.

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

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=== First Aid Measures =====

First Aid:IF IRRITATION PERSISTS OR IS SEVERE, GET MEDICAL ATTENTION. EYE-FLUSH WITH WATER FOR 15 MINUTES. SKIN-WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING & LAUNDRER BEFORE REUSE. INHALED:REMOVE FROM E XPOSURE. INGESTED-GIVE AT LEAST 2 GLASSES OF WATER TO DRINK. KEEP WARM & QUIET & GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NONE

Extinguishing Media:N

/A. DLA-HMIS: USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:NONE. DLA-HMIS: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL FIREFIGHTERS PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:SMALL SPILL:ABSORB ON SOLID ABSORBENT & SHOVEL INTO CONTAINER FOR DISPOSAL. LARGE SPILL:STOP SOURCE OF LEAK & CONTAIN SPILL. ABSORB ON SOLID ABSORBENT & SHOVEL INTO CONTAINERS

FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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Exposure Controls/Personal Protection  
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Respiratory Protection:NONE.

Ventilation:USE SUFFICIENT MECHANICAL (GENERAL) VENTILATION.

Protective Gloves:RECOMMENDED-NITRILE.

Eye Protection:RECOMMENDED-SAFETY GLASSES/GOGGLES.

Other Protective Equipment:NONE. DLA-HMIS: EYE WASH STATION, WASHING FACILITIES.

Work Hygienic Practices:AVOID BREATHING SPRAY MIST. WASH HANDS AFTER HANDLING.

Supplemental Safety and Health

NONE.

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Physical/Chemical Properties  
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HCC:N1

NRC/State Lic Num:NONE

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:COMPLE

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Appearance and Odor:LIGHT YELLOW LIUQID, MILD ODOR.

Percent Volatiles by Volume:69.34

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES

STRONG ACIDS.

Stability Condition to Avoid:FREEZING.

Hazardous Decomposition Products:NONE.

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Disposal Considerations  
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Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS.

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