

300/QR

MSDS Number

CCRKG

National Stock Number

6850-00N074252

Product Name

300/QR

Manufacturer

BRULIN AND CO INC

Product Identification

Product ID:300/QR

MSDS Date:02/19/1993

FSC:6850

NIIN:00N074252

MSDS Number: CCRKG

Responsible Party

BRULIN & CO INC

INDIANAPOLIS , IN 46206-0270

US

Emergency Phone: 317-923-3233;800-424-9300(CHEMTREC)

Info Phone: 317-923-3211

Cage: IO291

Contractor

BRULIN & COOMPANY, INC.

270

INDIANAPOLIS, IN 46206-0270

US

317-923-3211

Cage: 4E271

Ingredients

ETHANOL, 2-AMINO-; (ETHANOLAMINE,2-AMINOETHANOL,

CAS: 141-43-5

RTECS: KJ5775000

Fraction By Weight: 5-9%

OSHA PEL3 PPM

ACGIH TLV: 3 PPM; 6 STEL

ETHANOL, 2-BUTOXY-; (GLYCOL ETHERS (2-BUTOXYETHANOL))

CAS: 111-76-2

RTECS: KJ8575000

Fraction By Weight: 9%

OSHA PEL50 PPM, S

ACGIH TLV: 25 PPM, S

Hazards

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:EYES: DIRECT CONTACT MAY CAUSE IRRIT SEEN AS REDNESS & SWELLING. INGEST: MAY CAUSE GASTROINTESTINAL IRRIT & PAIN OR DISCOMFORT IN THE MOUTH, THROAT & STOMACH. SKIN: PRLNGD/RPTD CONTACT MAY CAUSE IRRIT SEEN AS REDNESS.
2-BUTOXYETHANOL MAY BE ABSORBED IN HARMFUL AMOUNTS. INHAL: EXCESS INHAL OF MISTS MAY (EFTS OF OVEREXP)
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:HLTH HAZ:CAUSE RESPIRATORY IRRIT & CAUSE COUGHING & DISCOMFORT IN THE NOSE, THROAT & CHEST. ACUTE OVEREXP TO 2-BUTOXYETHANOL MAY CAUSE LETHARGY & DROWSINESS. CHRONIC: ANIMAL STUDIES HAVE SHOWN DOSE-RELATED ADVERSE EFFECTS ON THE CNS, HEMATOPOIETIC TISSUES, BLOOD, LIVER & KIDNEYS ASSOCIATED W/THE ADMINISTRATION (SUPDAT)
Medical Cond Aggravated by Exposure:ETHANOLAMINE MAY AGGRAVATE ASTHMA AND INFLAMMATORY OR FIBROTIC PULMONARY DISEASE. MAY ALSO AGGRAVATE AN EXISTING DERMATITIS.

First Aid

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES LIFTING UPPER & LOWER LIDS OCCASIONALLY. GET MEDICAL ATTENTION. INHAL: IF AFFECTED, REMOVE TO FRESH AIR. ADMINISTER OXYGEN IF BREATHING IS DIFFICULT. SKIN: WASH WITH MILD SOAP& WATER. REMOVE CONTAMINATED CLOTHING & LAUNDRY BEFORE REUSE. INGEST: IF CONSCIOUS, DILUTE BY GIVING AT LEAST TWO GLASSES OF WATER. CALL MD IMMEDIATELY.

Fire Fighting

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

Accidental Release

Spill Release Procedures:ABSORB ON SOLID ABSORBENT AND SHOVEL INTO CONTAINERS FOR DISPOSAL. LARGE SPILLS - VENTILATE THE AREA WELL. SOAK UP ON SOLID ABSORBENT AND SHOVEL INTO CONTAINERS FOR DISPOSAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:STORE BETWEEN 40-120F.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

Exposure Controls

Respiratory Protection:NOT NORMALLY REQUIRED. NIOSH APPROVED RESPIRATOR IF TLVS ARE EXCEEDED.
Ventilation:MECHANICAL (GENERAL) NORMALLY SUFFICIENT.
Protective Gloves:BUTYL RUBBER.
Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .
Other Protective Equipment:ANSI APPROVED EYE WASH & DELUGE SHOWER . AS NECESSARY TO PREVENT SKIN CONTACT.
Work Hygienic Practices:AVOID BREATHING SPRAY MIST.
Supplemental Safety and Health
EFTS OF OVEREXP: OF 2-BUTOXYETHANOL (EXTRACTED FROM DHHS (NIOSH) PUB 90-118) . CHRONIC EXPOSURE MAY CAUSE BLOOD EFFECTS & LIVER OR KIDNEY INJURY.

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:1.029 (H*2O=1)
Evaporation Rate & Reference:1.0 (H*2O=1)
Solubility in Water:COMPLETE
Appearance and Odor:BLUE GREEN LIQUID; CITRUS ODOR.

Stability

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 OXIDES.

Disposal

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

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