

GRACE, W R & CO -- DARACLEAN 235 -- 6850-01-406-6938

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

Product ID:DARACLEAN 235

MSDS Date:02/13/1996

FSC:6850

NIIN:01-406-6938

MSDS Number: BYFPF

=== Responsible Party ===

Company Name:GRACE, W R & CO

Address:55 DAYDEN AVE

City:LEXINGTON

State:MA

ZIP:02173

Country:US

Info Phone Num:617-861-6600

Emergency Phone Num:617-861-6600

CAGE:0NR92

=== Contractor Identification
on ===

Company Name:GRACE, W R & CO

Address:55 HAYDEN AVE

Box:City:LEXINGTON

State:MA

ZIP:02173

Country:US

Phone:781-861-6600

CAGE:0NR92

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

Ingred Name:TRIETHANOLAMINE

CAS:102-71-6

RTECS #:KL9275000

Fraction by Wt: 2%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.

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

Reports o

f Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, RESPIRATORY AND GASTROINTESTINAL TRACTS. ACUTE- DIRECT EYE OR SKIN CONTACT MAY CAUSE IRRITATION. IF MATERIAL BECOMES AIRBORNE, RESPIRATORY IRRITATION MAY OCCUR BY INHALATION. INGESTION UNKNOWN. CHRONIC- LIVER, KIDNEY AND NERVE DAMAGE IN LABORATORY ANIMALS.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, LIVER, KIDNEYS, CNS MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, D RINK MILK OR WATER. CALL PHYSICIAN.

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

Flash Point:NONE TO BOILING
Extinguishing Media:CARBON DIOXIDE, FOAM OR DRY CHEMICAL. AVOID USING WATER.
Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:TOXIC GASES MAY BE FORMED.

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

Spill Release Procedures:PREVENT SKIN AND EYE CONTACT. ABSORB SPILLS WITH INERT MATER IAL SUCH AS SAND OR VERMICULITE. TRANSFER TO A SUITABLE CONTAINER FOR DISPOSAL. DO NOT FLUSH TO SEWER.
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN CLOSED CONTAINER, AWAY FROM INCOMPATIBLE MATERIALS.
Other Precautions:WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, SMOKING. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. DO NOT INHALE. DO NOT G

ET IN EYES
OR ON SKIN.

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

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION
CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A
NIOSH-APPROVED RESPIRATOR.

Ventilation:ADEQUATE

Protective Gloves:NEOPRENE IF DIRECT CONTACT POSSIBLE

Eye Protection:CHEMICAL SPLASH GOGGLES/SAFETY GLASSES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE
CLOTHING

Work Hygienic Practices:OBSERVE

GOOD INDUSTRIAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

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

Vapor Pres:18 @ 68F

Spec Gravity:1

pH:7.4- 8

Solubility in Water:SOLUBLE

Appearance and Odor:AMBER/HAZY LIQUID, BLAND ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, S

TRONG ACIDS, NITRITES

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
OXIDES OF NITROGEN

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

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

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