

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

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Product Identification
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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 Identificati
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

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Composition/Information on Ingredients
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Ingred Name:TRIETHANOLAMINE
CAS:102-71-6
RTECS #:KL9275000
Fraction by Wt: 2%
Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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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.

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===== 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.

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===== 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

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===== 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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