

GRACE, W R & CO/GRACE CONTAINER PRODUCTS -- DARACLEAN 235 -- 6850-01-406-6937  
===== Product Identification =====

Product ID:DARACLEAN 235

MSDS Date:11/19/1997

FSC:6850

NIIN:01-406-6937

MSDS Number: BXTLG

=== Responsible Party ===

Company Name:GRACE, W R & CO/GRACE CONTAINER PRODUCTS

Address:55 HAYDEN AVE

Box:NONE

City:LEXINGTON

State:MA

ZIP:02173

Country:US

Info Phone Num:617-861-6600 FAX # 617  
-861-1267

Emergency Phone Num:617-861-6600

CAGE:LO974

=== Contractor Identification ===

Company Name:ECOLINK INC

Address:1481 ROCK MOUNTAIN BLVD

Box:City:STONE MOUNTAIN

State:GA

ZIP:30083-1505

Country:US

Phone:800-886-8240/770-621-8240

Contract Num:SP0450-01-M-D067

CAGE:0WU71

Company Name:ECOLINK INC

Address:1481 ROCK MOUNTAIN BLVD

Box:City:STONE MOUNTAIN

State:GA

ZIP:30083-1505

Country:US

Phone:800-886-8240/770-621-8240

Contract Num:SP0450-01-M-D131

CAGE:0WU71

Company Name:GRACE W R & CO, DEWEY

& ALMAY CHEMICAL DIV  
Address:5225 PHILLIP-LEE DR SW  
Box:City:ATLANTA  
State:GA  
ZIP:30336-2216  
Country:US  
CAGE:4L319

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  
Company Name:GRACE, W R & CO/GRACE CONTAINER PRODUCTS  
Address:55 HAYDEN AVE  
Box:NONE  
City:LEXINGTON  
State:MA  
ZIP:02173  
Country:US  
Phone:617-861-6600 FAX # 617-861-1267  
CAGE:LO974

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Composition/Information on Ingredients  
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Ingr  
ed Name:TRIEETHANOLAMINE  
CAS:102-71-6  
RTECS #:KL9275000  
= Wt:2.  
Other REC Limits:NONE RECOMMENDED  
ACGIH TLV:5 MG/M3

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Hazards Identification  
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LD50 LC50 Mixture:NOT PROVIDED BY MANUFACTURER  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Health Hazards Acute and Chronic:TARGET ORGANS:N/P. ACUTE- INHALATION:  
IRRITATION MAY OCCUR IF MATERIAL BECOMES AIRBORNE. EYES: IRRITATION  
UPON DIRECT CONTACT. SKIN: IRRITAIONUPON DIRECT CONTACT. INGESTION

NONE KNOWN. CHRONIC EFFECTS : PROLONGED OR REPEATED OVEREXPOSURE TO TRIETHANOLAMINE BY ORAL AND DERMAL ADMINISTRATION HAS BEEN SHOWN TO CAUSE LIVER, KIDNEY & NERVE DAMAGE IN LABORATORY ANIMALS.

Explanation of Carcinogenicity:NOT PROVIDED BY MANUFACTURER

Effects of Overexposure:INHALATION; IRRITATION. EYES: IRRITATION. SKIN: IRRITATION.

Medical Cond Aggravated by Exposure:PREEXISTING NERVOUS SYSTEM DISORDERS, LIVER AND KIDNEY CONDITIONS, AND SKIN AND RESPIRATORY DISEASES MAY BE AGGRAVATED.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. EYES: IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES; GET MEDICAL ATTENTION. SKIN: WASH AFFECTED AREA WITH WATER; IF IRRITATION OCCURS AND PERSISTS, GET MEDICAL ATTENTION. REMOVE CONTAMINATED CLOTHING. INGESTION: DILUTE WITH WATER OR MILK; DO NOT INDUCE VOMITING; GET MEDICAL ATTENTION.

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===== Fire Fighting Measures =  
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Flash Point:NONE TO BOILING

Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL. AVOID WATER IF POSSIBLE, AS WATER MAY CAUSE SPATTERING OF HOT MATERIAL AND MAY SPREAD BURNING.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. HAZARDOUS DECOMPOSITION PRODUCTS MAY BE FORMED.

Unusual Fire/Explosion Hazard:COMBUSTION WILL RESULT IN THE RELEASE OF THE USUAL DECOMPOSITION PRODUCTS INCLUDING OXIDES OF CARBON AND NITROGEN.

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

Spill Release Procedures:SMALL SPILLS: WIPE UP, OR ABSORB WITH SAND OR OTHER ABSORBENT MATERIAL. COLLECT WASTE IN SEALED CONTAINERS. LARGE SPILLS: DIKE AREA TO PREVENT SPREADING. ABSORB RESIDUAL MATERIAL WITH SAND, OR OTHER ABSORBENT MATERIAL. WASH AREA WITH SOAPY WATER AND RINSE. AREA WILL BE SLIPPERY UNTIL CLEANED.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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== Handling and Storage =====

Handling and Storage Precautions:DOES NOT NORMALLY BECOME AIRBORNE; IN OPERATIONS WHERE IT DOES, IF GENERAL VENTILATION OR LOCAL EXHAUST IS INADEQUATE, PERSONS EXPOSED TO MISTS SHOULD WEAR APPROVED BREATHING DEVICES. STORE PRODUCT AT 40-100 F, IN A WELL-VENTILATED AREA. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

Other Precautions:DO NOT GET IN EYES, ON SKIN, ON CLOTHING. AVOID BREATHING VAPORS/MIST. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. DO NOT MIX WITH NITRITES OR NITRITE CONTAINING COMPOUNDS. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:NONE NORMALLY NEEDED. IF EXCESSIVE MISTING IS EXPECTED, WEAR NIOSH-APPROVED MIST RESPIRATOR (REFER TO 29 CFR 1910.134)

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP FUME OR MIST LEVELS AS LOW AS POSSIBLE.

Protective Gloves:NEOPRENE IF DIRECT CONTACT POSSIBLE

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:SAFETY SHOWER AND EYE WASH FOUNTAIN SHOULD BE LOCATED NEARBY. WEAR APPROPRIATE PROTECTIVE CLOTHING FOR RISK OF EXPOSURE.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING, DRINKING/SMOKING.

Supplemental Safety and Health  
NONE SPECIFIED BY MANUFACTURER.

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

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HCC:N1

Boiling Pt.=100.C, 212.F

B.P. Text:APPROXIMATE

Vapor Pres:18 @ 20C

Spec Gravity:1 APPROX.

pH:7.4- 8.0

Solubility in Water:COMPLETE

Appearance and Odor:AMBER/HAZY LIQUID, BLAND ODOR

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:DO NOT MIX WITH STRONG ACIDS. DO NOT MIX WITH NITRITES OR NITRITE CONTAINING COMPOUNDS (49 FR 24658, 6/14/84).

Hazardous Deco

Composition Products:OXIDES OF NITROGEN, CARBON MONOXIDE,  
CARBON DIOXIDE MAY BE FORMED.

===== Toxicological Information =====

Toxicological Information:NOT PROVIDED BY MANUFACTURER

===== Ecological Information =====

Ecological:NOT PROVIDED BY MANUFACTURER

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

Waste Disposal Methods:THIS MATERIAL IS NOT A HAZARDOUS WASTE AS  
DEFINED IN 40 CFR SECTION 261.3. DIS  
POSE OF ALL PRODUCT WASTES AND  
WATER RINSES IN ACCORDANCE WITH CURRENT LOCAL, STATE, AND FEDERAL  
REGULATIONS.

===== MSDS Transport Information =====

Transport Information:NOT PROVIDED BY MANUFACTURER

===== Regulatory Information =====

SARA Title III Information:NOT PROVIDED BY MANUFACTURER  
Federal Regulatory Information:NOT PROVIDED BY MANUFACTURER  
State Regulatory Information:NOT PROVIDED BY MANUFACTURER

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===== Other Information =====

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