

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

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

Ingre  
d Name:TRIEETHANOLAMINE  
CAS:102-71-6  
RTECS #:KL9275000  
= Wt:2.  
Other REC Limits:NONE RECOMMENDED  
ACGIH TLV:5 MG/M3

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

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.

=====  
===== 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.

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

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.

=====  
===== 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.

=====

= 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 =====

=====

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 Decom

position 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. DISPOSE 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

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

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.