

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

Product ID:DARACLEAN 235

MSDS Date:07/22/1993

FSC:6850

NIIN:01-406-6937

MSDS Number: CFKVD

=== Responsible Party ===

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

Address:55 HAYDEN AVE

City:LEXINGTON

State:MA

ZIP:02173

Country:US

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

Em

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

CAGE:LO974

=== Contractor Identification ===

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

Company Name:W.R. GRACE & CO

Box:UNKNOW

CAGE:7B576

===== Composition/Information on In

Ingredients =====

RTECS #:9999999ZZ

Fraction by Wt: NA

Other REC Limits:NONE RECOMMENDED

Ingred Name:AQUEOUS ALKALINE SOLUTION

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHAL:IRRIT MAY OCCUR IF MATL BECOMES  
AIRB

ORNE.EYE:IRRIT UPON DIRECT CONTACT.SKIN:IRRIT UPON DIRECT  
CONTACT.INGEST:NONE KNOWN.CHRONIC EFFECTS:NONE KNOWN.

Effects of Overexposure:INHAL IRRIT, EYE IRRIT, SKIN IRRIT.

Medical Cond Aggravated by Exposure:NONE KNOWN.

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

First Aid:INHAL:REMOVOE TO FRESH AIR.EYE:IMMED FLUSH EYES W/WATER FOR  
@LEAST 15MINS.GET MED ATTN.SKIN:WASH AFFECTED AREA W/WATER.IF IRRIT  
OCCURS & PERSISTS GET MED ATTN.REMOVE CONTAM CLOTHING.INGEST

:DILUTE

W/WAT ER OR MILK.DONT INDUCE VOMIT.GET MED ATTN.

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

Flash Point:NONE TO BOILING

Autoignition Temp:Autoignition Temp Text:NP

Lower Limits:NP

Upper Limits:NP

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

Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.

Unusual Fire/Explosion Hazard:COMBUSTION WILL RESULT IN TH

E RELEASE OF  
THE USUAL DECOMPOSITION PRODUCTS INCLUDING OXIDES OF CARBON  
NITROGEN.

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

Spill Release Procedures:SM:WIPE UP OR ABSORB W/SAND OR OTHER ABSORBENT  
MATL.COLLECT WASTE IN SEALED CONTAINERS.LG:DIKE AREA TO PREVENT  
SPREADING.ABSORB RESIDUAL MATL W/SAND,OTHER ABSORBENT MATL.WASH  
AREA W/SOAPY WATER & RINS E.AREA WILL BE SLIPPERY UNTIL CLEANED.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE PRODUCT AT 40-100F IN  
WELL-VENTILATED AREA.DONT MIX W/NITRITES OR NITRITE CONTAINING  
COMPOUNDS.  
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:DOESNT NORMALLY BECOME AIRBORNE;IN OPERATIONS  
WHERE IT DOES IF GENERAL VENTILATION OR LOCAL EXHAUST IS INADEQUATE  
PERSONS EXPO TO MISTS SHOULD WEAR  
APPROVED BREATHING DEVICES.  
Ventilation:NONE SPECIFIED BY MANUFACTURER.  
Protective Gloves:NEOPRENE GLOVES  
Eye Protection:WEAR EYE PROTECTION  
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health

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

HCC:N1  
Boiling Pt:B.P. Text:212F,100C  
Melt/Freeze Pt:M.P/F.P Text:NP  
Decomp Temp:Decomp Text:NP  
Vapor Pres:24  
Vapor Density:NP  
Spec Gravity:A

PPROX 1.0

pH:7.4-8

Viscosity:NP

Evaporation Rate & Reference:NP

Solubility in Water:COMPLETE

Appearance and Odor:STRAW/AMBER LIQUID, BLAND ODOR

Percent Volatiles by Volume:NP

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.DONT MIX W/STRONG ACIDS.DONT MIX W/NITRITES OR NITRILE  
CONTAINING CMPDS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CO

MBUSTION WILL RESULT IN RELEASE OF

USUAL DECOMPOSITION PRODUCTS INCLUDING OXIDES OF CARBON & NITROGEN.

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

Waste Disposal Methods:MATL NOT HAZ WASTE AS DEFINED IN 40CFRSEC  
261.3.DISPO OF ALL PRODUCT WASTES & WATER RINSES IAW CURRENT  
LOC/STATE/FED REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department  
of Defense. The U

nited 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.