

GRACE W R & CO, DEWEY AND ALMY CHEMICAL DIV -- DARACLEAN 282 -- 6850-01-364-8329  
===== Product Identification =====

Product ID:DARACLEAN 282

MSDS Date:08/04/1993

FSC:6850

NIIN:01-364-8329

MSDS Number: BQXYZ

=== Responsible Party ===

Company Name:GRACE W R & CO, DEWEY AND ALMY CHEMICAL DIV

Address:55 HADEN AVE

City:LEXINGTON

State:MA

ZIP:02173

Country:US

Info Phone Num:617-861-6600

Emergency Phone

Num:617-861-6600

CAGE:4L319

=== Contractor Identification ===

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

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

Ingred Name:GLYCOL ETHERS

Fraction by Wt: 3%

Other REC Limits:NONE RECOMMENDED

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

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

Reports of

Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION-IRRITATION MAY OCCUR IF MATERIAL BECOMES AIRBORNE. EYES-IRRITATION UPON DIRECT CONTACT. SKIN-IRRITATION UPON DIRECT CONTACT. INGESTION-NONE KNOWN.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.

Medical Cond Aggravated by Exposure:NONE KNOWN.

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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 & PERSISTS, GET MEDICAL ATTENTION. INGESTION-DILUTE WITH WATER OR MILK; DO NOT INDUCE VOMITING; GET MEDICAL ATTENTION.

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

Flash Point Method:COC

Flash Point:

None to Boiling

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:AVOID WATER IF POSSIBLE, AS WATER MAY CAUSE SPATTERING OF HOT MATERIAL AND MAY SPREAD BURNING.

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: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.

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

Handling and Storage Precautions:STORE PRODUCT AT 40-100F IN A WELL VENTILATED AREA. DO NOT MIX WITH NITRATES OR NITRITE CONTAINING COMPOUNDS.

Other Precautions:NONE

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

Respiratory Protection:DOES NOT NORMALLY BECOME AIRBORNE; I

## N OPERATIONS

WHERE IT DOES, IF GENERAL VENTILATION OR LOCAL EXHAUST IS INADEQUATE, PERSONS EXPOSED TO MISTS SHOULD WEAR APPROVED BREATHING DEVICES.

Ventilation:LOCAL AND MECHANICAL(GENERAL) EXHAUST TO PROVIDE ADEQUATE VENTILATION.

Protective Gloves:WEAR NEOPRENE GLOVES.

Eye Protection:WEAR EYE PROTECTION.

Other Protective Equipment:HAVE EMERGENCY EYE WASH AND SAFETY SHOWER AVAILABLE.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMO KING.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MIST. DO NOT INGEST. READ PRECAUTIONS ON LABEL BEFORE USE.

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

HCC:B3

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

Vapor Pres:29 MMHG

Spec Gravity:1.0

pH:12

Appearance and Odor:YELLOW LIQUID; CITRUS ODOR.

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

Stability Indicator/Materials to

Avoid:YES

INCOMPATIBLE WITH STRONG OXIDIZERS. DO NOT MIX WITH STRONG ACIDS. DO NOT MIX WITH NITRATES/NITRITE CONTAINING COMPOUNDS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:OXIDES OF CARBON AND NITROGEN.

## ===== Disposal Considerations =====

Waste Disposal Methods:IF PH IS 12.5 OR GREATER, THE MATERIAL IS DEFINED AS A HAZARDOUS WASTE. IF PH IS BELOW 12.5 & ABOVE 2, THEN MATERIAL IS NOT A HAZARDOUS WAS

TE. DISPOSE OF ALL WASTE & WATER

RINSES IN ACCORDANCE WITH CURRENT LOCAL, STATE & FEDERAL REGULATIONS.

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