

GRACE W R & CO, DEWEY & ALMAY CHEMICAL DIV -- DARACLEAN 282 -- 6850-01-364-8328
===== Product Identification =====

Product ID:DARACLEAN 282

MSDS Date:05/13/1996

FSC:6850

NIIN:01-364-8328

MSDS Number: BPXCB

=== Responsible Party ===

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

Address:5225 PHILLIP-LEE DR SW

City:ATLANTA

State:GA

ZIP:30336-2216

Country:US

Info Phone Num:404-691-8646

Emer

gency Phone Num:404-691-8646

CAGE:4L319

=== Contractor Identification ===

Company Name:BSD INTL CO

Address:23391 MULLHOLLAND DR SUITE 470

Box:City:WOODLAND HILLS

State:CA

ZIP:91364

Country:US

Phone:818-776-7677

CAGE:01NV1

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

Address:5225 PHILLIP-LEE DR SW

Box:City:ATLANTA

State:GA

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Country:US

CAGE:4L319

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

Ingred Name:DIETHYLENE GLYCOL BUTYL ETHER

CAS:112-34-5

R

TECS #:KJ9100000
Fraction by Wt: 3%
Other REC Limits:NONE RECOMMENDED

Ingred Name:NON-HAZARDOUS INGREDIENTS
Fraction by Wt: TO 97%
Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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LD50 LC50 Mixture:ORAL LD50 (RAT) IS 6560 MG/KG.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: EYES: IRRITATION UPON DIRECT CONTACT. SKIN: IRRITATION UPON DIRECT CONTACT. INHALATION: IRRITATION MAY OCCUR IF MATERIAL BECOMES AIRBORNE. INGESTION: NONE KNOWN. CHRONIC: NONE KNOWN.
Explanation of Carcinogenicity:NOT INDICATED.
Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION. INHALATION: IRRITATION. INGESTION: NOT LIKELY TO OCCUR.
Medical Cond Aggravated by Exposure:NONE KNOWN.

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First Aid Measures
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First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREA WITH WATER. IF IRRITATION OCCURS AND PERSISTS, GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. INGESTION: DO NOT INDUCE VOMITING. DILUTE WITH WATER OR MILK. GET MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point Method:COC
Flash Point:>212F,>100C
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM. AVOID WATER IF POSSIBLE AS WATER MAY CAUSE SPATTERING OF HOT MATERIAL & SPREAD FIRE.
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 USUAL DECOMPOSITION PRODUCTS INCLUDING OXIDES OF CARBON AND NITROGEN.

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Accidental Release Measures
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Spill Release Procedures:WIPE UP OR ABSORB SMALL SPILLS WITH SAND/OTHER ABSORBENT. COLLECT WASTE IN SEALED CONTAINERS. DIKE LARGE SPILLS.

SHOVEL/PUMP TO DRUM. ABSORB RESIDUAL WITH SAND/OTHER ABSORBENT.
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: STORE PRODUCT AT 40-100F IN
WELL-VENTILATED AREA. DO NOT MIX WITH NITRITES OR NITRITE
CONTAINING COMPOUNDS.

Other Precautions: WEAR NEOPRENE GLOVES IF DIRECT CONTACT LIKELY. WEAR
EYE PROTECTION.

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

Respiratory Protection: 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.

Ventilation: PROVIDE ADEQUATE GENERAL VENTILATION OR LOCAL EXHAUST TO
MAINTAIN EXPOSURE BELOW RECOMMENDED LIMITS.

Protective Gloves: NEOPRENE IF DIRECT CONTACT LIKELY.

Eye Protection: WEAR EYE PROTECTION.

Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices: WASH AFTER HANDLING AND BEFORE EATING,
DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health
NONE

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

HCC: N1

NRC/State Lic Num: NONE

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

Vapor Pres: 29 MM

Spec Gravity: 1.0

pH: 11-13

Solubility in Water: EMULSIFIABLE

Appearance and Odor: YELLOW LIQUID. CITRUS ODOR.

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

Stability Indicator/Materials to Avoid: YES

INCOMPATIBLE WITH STRONG OXIDIZERS. DO NOT MIX W/STRONG ACIDS. DO NOT MIX WITH NITRITES OR NITRITE CONTAINING COMPOUNDS

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: WILL PRODUCE THE USUAL DECOMPOSITION PRODUCTS INCLUDING OXIDES OF CARBON AND NITROGEN.

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

Waste Disposal Methods:

DISPOSE OF PRODUCT WASTES/WATER RINSES IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. IF PH IS 12.5 OR GREATER, THE MATERIAL IS DEFINED AS A HAZARDOUS WASTE W/EPA WASTE NO. D002. IF BELOW 12.5 AND ABOVE 2, MATERIAL IS NOT A HAZARDOUS WASTE.

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