

GRACE CONTAINER PRODUCTS  
 W. R. Grace & Co. - Conn.  
 Hayden Avenue  
 Lexington, MA 02173

EMERGENCY PHONE NO. (617) 861-6600

-----SECTION I - IDENTIFICATION-----

PRODUCT (TRADE) NAME: DARAGUARD® 416

General Chemical Description: Alkaline aqueous rinse aid

-----SECTION II - INGREDIENTS-----

Hazardous Ingredients: Not applicable

SARA Section 313

% by Weight

Glycol ethers:  
 diethylene glycol monobutyl ether (CAS# 112-34-5)

2 approx.

-----SECTION III - PHYSICAL DATA-----

Stability in Water: complete

Specific Gravity (water=1): 1 approx.

Appearance: Light yellow liquid

Boiling Point: 212°F

Odor: Mild

pH: 9.0 - 9.5

-----SECTION IV - FIRE AND EXPLOSION HAZARD DATA-----

Flash Point: above 212°F (Cleveland Open Cup)

Extinguishing Media: Carbon dioxide, dry chemical, foam. Avoid water if possible, as water may cause spattering of hot material and may spread burning.

Combustion will result in the release of the usual decomposition products including oxides of carbon and nitrogen.

-----SECTION V - REACTIVITY DATA-----

Product is stable; hazardous polymerization will not occur.

Incompatible with strong oxidizers.

Do not mix with nitrites or nitrite containing compounds (49 FR 24658, 6/14/84).

DARAGUARD® 416

SECTION VI-SPILL OR LEAK PROCEDURESHandling Precautions: See Section VIII.For small spills: Wipe up, or absorb with sand or other absorbent material. Rinse area with water.For 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.

Material is not a hazardous waste as defined in 40 CFR Sec. 261.3.

Dispose of all product wastes and water rinses in accordance with current local, state, and Federal regulations.

SECTION VII-HEALTH HAZARD DATAThreshold Limit Values: See Section II.

	<u>Signs &amp; Symptoms of Acute Exposure</u>	<u>Emergency First Aid Procedures</u>
<u>Inhalation:</u>	Unlikely, in cases where material may become airborne, irritation may occur.	Remove to fresh air.
<u>Eyes:</u>	Irritation upon direct contact.	Immediately flush eyes with water for at least 15 minutes; get medical attention.
<u>Skin:</u>	Possible irritation.	Wash affected area with water; if irritation occurs and persists, get medical attention. Remove contaminated clothing.
<u>Ingestion:</u>	None known.	Dilute with water or milk; do not induce vomiting; get medical attention.

CHRONIC EFFECTS: None known.Medical Conditions Aggravated by Overexposure: None known.

GET MEDICAL ATTENTION IF SYMPTOMS PERSIST

PREPARED 06/12/95

PAGE : 2 OF 3

DARAGUARD® 416

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SECTION VIII-SPECIAL PRECAUTIONS  
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Handling and Storing

- 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.
- Wear neoprene gloves if direct contact likely; wear eye protection.
- Store product at 40-100°F in a well-ventilated area.
- Do not mix with nitrites or nitrite containing compounds (49 FR 24658, 6/14/84).

PREPARED 06/12/95

PAGE : 3 OF 3