

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® 412

General Chemical Description: Demulsifier

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

Hazardous Ingredients: Not applicable

SARA Section 313

% by Weight

zinc compounds

2 approx.

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

Solubility in Water: complete

Specific Gravity (water = 1): 1.2 approx.

Appearance and Odor: Clear, dark amber
liquid; Bland odor

pH: 5.0 6.0 (0.5% aqueous)

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

Flash Point: Above 200°F (PMCC)

Extinguishing Media: Carbon dioxide, dry chemical, foam.

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.

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SECTION VI-SPILL OR LEAK PROCEDURES

Handling Precautions: See Section VIII.

For small spills: Wipe up, or absorb with sand or other absorbent material. Collect waste in sealed containers.

For large spills: Dike area to prevent spreading. Shovel or pump to drum or salvage tank. Absorb residual material with sand, or other absorbent material.

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

SECTION VII-HEALTH HAZARD DATA

Threshold Limit Values: Not applicable.

Signs & Symptoms of Acute ExposureEmergency First Aid Procedures

Inhalation: Irritation may occur if material becomes airborne.

Remove to fresh air.

Eyes: Irritation upon direct contact.

Immediately flush eyes with water for at least 15 minutes; get medical attention.

Skin: Irritation upon direct contact.

Wash affected area with water; if irritation occurs and persists, get medical attention. Remove contaminated clothing.

Ingestion: 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

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SECTION VIII-SPECIAL PRECAUTIONSHandling 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.