

Daraclean 203

SECTION 1 PRODUCT AND COMPANY INFORMATION

Product Identifier: Daraclean 203 **Product Use:** Aqueous alkaline cleaner
Manufacturer: MAGNAFLUX
Address: 3624 West Lake Avenue, Glenview, Illinois 60026
 Tel: 847-657-5300
Emergency Info: Off-Hour Emergency Number – CHEMTREC, Tel: 800-424-9300

SECTION 2 HAZARDS IDENTIFICATION

Emergency Overview: Bland, nonflammable, thin liquid which may irritate the skin and eyes.

NFPA Rating: **Health:** 3 **Flammability:** 0 **Reactivity:** 0

Signs and Symptoms of Acute Exposure:

Skin: Irritation upon direct contact.
Eyes: Irritation upon direct contact.
Inhalation: Irritation may occur if material becomes airborne.
Ingestion: None known.

SECTION 3 CHEMICAL COMPOSITION/HAZARDOUS INGREDIENTS

Hazardous Ingredients	CAS #	% by Weight	OSHA/PEL (TWA)	ACGIH/TLV (TWA)
Potassium Hydroxide	1310-58-3	8-15	N/A	2 mg/m ³
Sodium Tolytriazole	64665-57-2	0-2	N/A	N/A

NOTE: This product contains no hazardous chemical substances at 1.0% or more listed in 29 CFR 1910 Subpart Z, or ACGIH Threshold limit values. Also this product contains no carcinogens at 0.1% or more listed in NTP Annual Report on Carcinogens, IARC Monographs, or 29 CFR 1910 Sub plan Z.

SECTION 4 FIRST AID MEASURES

Skin Contact: Wash off with soap and water. Use soothing lotion.
Eye Contact: Rinse carefully under upper and lower eyelids using plenty of water.
Inhalation: Remove to fresh air
Ingestion: If conscious, dilute by giving two glasses of water. Call physician or local poison control center immediately.

NOTE: In all severe cases, contact physician immediately. Local telephone operators can furnish number of regional poison control center.

SECTION 5 FIRE FIGHTING MEASURES

Conditions of Flammability: None **Flammable Limits in Air:** None
Flash Point: None to boiling (212°F or 100°C)
Extinguishing Media: Carbon dioxide, dry chemical, foam. Avoid water if possible.
Products of Combustion: Combustion will result in the release of the usual decomposition products including oxides of carbon and nitrogen.
Special Fire Fighting Procedures: None **Unusual Fire Hazards:** None

SECTION 6 ACCIDENTAL RELEASE MEASURES

For Small Spills: Wipe up, or absorb with sand or other absorbent material. Collect waste in sealed containers.
For Large Spills: Dike the area to prevent spreading. Shovel or pump to drum or salvage tank. Absorb residual material with sand, or other absorbent material. Wash area with soapy water and rinse. Area will be slippery until cleaned.

NOTE: Dispose of all product waste and water rinses in accordance with local, state, and federal regulations.

SECTION 7 HANDLING AND STORAGE

Does not normally become airborne; in operation 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 (4-38°C) in a well ventilated area.

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

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiration Protection: None **Ventilation:** Mechanical (general) sufficient
Eye Protection: Recommended **Protective Gloves:** Recommended (rubber)
Work/Hygienic Practices: Avoid breathing spray mist

SECTION 9 PHYSICAL PROPERTIES

Initial Boiling Point (bulk): 212°F (100°C) approx **Vapor Pressure:** 16 mmHg at 20°C
Percent Volatile: Not established **Vapor Density:** Not established
Specific Gravity/Density: 1.0 approx **Evaporation Rate:** 1.0 (water = 1.0)
pH of Concentrate: 13.0 **Water Solubility:** 100%
Appearance: Clear, slightly hazy yellow liquid

SECTION 10 REACTIVITY AND STABILITY

Stability: Stable **Reactivity:** None
Incompatibility: None **Materials to Avoid:** Strong oxidizers
Hazardous Decomposition Products: None

SECTION 11 TOXICOLOGICAL INFORMATION

Carcinogenicity: Contains no known or suspected carcinogens listed with OSHA, IARC, NTP, or ACGIH.

Threshold Limit Value: Not established

WHMIS Information: According to available information, the ingredients have not been found to show reproductive toxicity, teratogenicity, mutagenicity, skin sensitization, or synergistic toxic effects with other materials.

SECTION 12 ECOLOGICAL INFORMATION

No data is available. Product dissolves into water and is biodegradable. Its low vapor pressure may exempt it from VOC restrictions.

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose according to Federal, State, and Local laws and 40 CFR.

RCRA: Hazardous waste

U.S. EPA Waste Number: D002

NOTE: Chemical additions to, processing of, or otherwise altering this material may make this waste management information inaccurate, incomplete, or otherwise inappropriate. Furthermore, state and local waste disposal requirements may be more restrictive than federal laws and regulations.

SECTION 14 TRANSPORTATION INFORMATION

U.S. DOT: 49 CFR 172.101 Hazardous Materials Table

Proper Shipping Name: Potassium Hydroxide solution

Hazardous Class/Division: Class 8

Identification No.: UN 1814

Packing Group: PG III

SECTION 15 REGULATORY INFORMATION

TSCA information: All ingredients are listed in TSCA inventory.

CERCLA: Not reportable

SARA Title III, Section 313: Contains nothing on this list.

California Proposition 65: Contains nothing on this list.

WHMIS Class (Canada): Not a controlled product.

NOTE: This MSDS has been prepared to meet WHMIS (Canada) requirements with the exception of using 16 headings.

SECTION 16 OTHER INFORMATION

Revision Statement: Review

Supersedes: January 27, 2003

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