



MATERIAL SAFETY DATA SHEET

Section 1: Product & Company Identification

Product Name: Cleaning Detail™ Heavy Duty Non-skid Deck Cleaner

Product Number (s): 76213

Product Use: general purpose boat cleaner

Manufacturer / Supplier Contact Information:

In United States:

CRC Industries, Inc.

885 Louis Drive

Warminster, PA 18974

www.crcindustries.com

1-215-674-4300(General)

(800) 521-3168 (Technical)

(800) 272-4620 (Customer Service)

In Canada:

CRC Canada Co.

2-1246 Lorimar Drive

Mississauga, Ontario L5S 1R2

www.crc-canada.ca

1-905-670-2291

24-Hr Emergency – CHEMTREC: (800) 424-9300 or (703) 527-3887

Section 2: Hazards Identification

Emergency Overview

WARNING: Causes eye and skin irritation.
Appearance & Odor: Light green cream, mild odor

Potential Health Effects:

ACUTE EFFECTS:

EYE: May cause severe eye irritation. May cause eye damage, if not promptly flushed with plenty of water.

SKIN: May cause irritation or redness of the skin. Severity of action is highly dependent on contact time.

INHALATION: Not expected to cause significant health effects. May cause minor, temporary throat irritation with extended exposure. Heating the product may cause irritating vapors.

INGESTION: May cause severe irritation or damage of mucosal linings of the mouth, throat, esophagus or stomach.

CHRONIC EFFECTS: Unknown

TARGET ORGANS: Unknown

Medical Conditions Aggravated by Exposure: No data available

See Section 11 for toxicology and carcinogenicity information on product ingredients.

Section 3: Composition/Information on Ingredients

| COMPONENT | CAS NUMBER | % by Wt. |
|---------------------------------|------------|----------|
| Water | 7732-18-5 | 45 - 55 |
| Silica (no respirable quartz) | 14808-60-7 | 35 - 40 |
| Sodium dodecyl benzyl sulfonate | 25155-30-0 | 5 - 10 |
| Nonionic surfactant | 68439-46-3 | 5 - 10 |

Section 4: First Aid Measures

- Eye Contact:** Immediate first aid is required to prevent eye damage. Immediately flush with water and remove contact lenses, if applicable. Continue to flush with large quantities of running water for at least 15 minutes. Hold eyelids apart during flushing to ensure complete rinsing of the entire surface of eye and lids. Do not attempt to neutralize with chemical agents. Get immediate medical attention. Continue flushing with water if physician is not immediately available.
- Skin Contact:** Remove contaminated shoes and clothing. Wash affected area with soap and plenty of water for 15 minutes. Do not attempt to neutralize with chemical agents. Get medical attention. Wash contaminated clothing prior to re-use.
- Inhalation:** Remove person to fresh air. Keep person calm. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Call a physician.
- Ingestion:** Do NOT induce vomiting. Rinse mouth with water. Then give 1 - 2 glasses of water or milk and call a physician or poison control center immediately. If vomiting occurs, keep head below hips to reduce risk of aspiration. Give water again. NEVER give anything by mouth to a person who is unconscious or convulsing. Get immediate medical attention.

Note to Physicians: Treat symptomatically.

Section 5: Fire-Fighting Measures

Flammable Properties: As defined by OSHA, this product is not flammable.

| | | | |
|---------------------------|------------|------------------------|------|
| Flash Point: | None (TCC) | Upper Explosive Limit: | None |
| Autoignition Temperature: | ND | Lower Explosive Limit: | None |

Fire and Explosion Data:

Suitable Extinguishing Media: As appropriate for surrounding fire.

Products of Combustion: Irritating gases or fumes may be released when product is heated. Thermal decomposition may produce oxides of carbon, nitrogen and sulfur.

Explosion Hazards: Containers, when exposed to heat from fire, may build pressure and rupture.

Protection of Fire-Fighters: Firefighters should wear self-contained, NIOSH-approved breathing apparatus for protection against suffocation and possible toxic decomposition products. Proper eye and skin protection should be provided. Use water spray to keep fire-exposed containers cool and to knock down vapors which may result from product decomposition.

Section 6: Accidental Release Measures

Personal Precautions: Use personal protection recommended in Section 8.

Environmental Precautions: Take precautions to prevent spilled product from entering into waterways, sewers, basements or confined areas. Do not flush into sewers or storm drains.

Methods for Containment & Clean-up: Dike area to contain spill. Ventilate the area with fresh air. If in confined space or limited air circulation area, clean-up workers should wear appropriate respiratory protection. Recover or absorb spilled material using an absorbent designed for chemical spills. Place used absorbents into proper waste containers. Spilled material may be slippery.

Section 7: Handling and Storage

Handling Procedures: Avoid contact with skin and eyes. Use product only according to label directions. Avoid overheating or freezing. Use good personal hygiene practices. Wash thoroughly using soap and water after handling. For product use instructions, please see the product label.

Storage Procedures: Store in a cool, dry, well-ventilated area out of direct sunlight. Containers should be tightly closed while in storage. Keep from freezing and overheating. Store away from food or feed. Do not place this product in an unmarked container. Keep out of reach of children.

Aerosol Storage Level: NA

Section 8: Exposure Controls/Personal Protection

Exposure Guidelines:

| COMPONENT | OSHA | | ACGIH | | OTHER | | UNIT |
|--|------|------|-------|------|-------|--------|-------------------|
| | TWA | STEL | TWA | STEL | TWA | SOURCE | |
| Water | NE | NE | NE | NE | NE | | |
| Silica (no respirable quartz) | 0.1 | NE | 0.1 | NE | NE | | mg/m ³ |
| Sodium dodecyl benzyl sulfonate | NE | NE | NE | NE | NE | | |
| Nonionic surfactant | NE | NE | NE | NE | NE | | |
| N.E. – Not Established (c) – ceiling (s) – skin (v) – vacated | | | | | | | |

Controls and Protection:

Engineering Controls: Area should have ventilation to provide fresh air. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at the source, preventing dispersion into the general work area. Use mechanical means if necessary to maintain vapor levels below the exposure guidelines. If working in a confined space, follow applicable OSHA regulations.

Respiratory Protection: None required for normal work where adequate ventilation is provided. If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an acid gas cartridge. Air monitoring is needed to determine actual employee exposure levels. Use a self-contained breathing apparatus in confined spaces and for emergencies.

Eye/face Protection: For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

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Skin Protection: Use protective gloves such as latex or neoprene. Also, use full protective clothing if there is prolonged or repeated contact of liquid with skin.

Section 9: Physical and Chemical Properties

Physical State: viscous liquid / cream

Color: light green

Odor: mild

Odor Threshold: ND

Specific Gravity: 1.23

Initial Boiling Point: 190°F / 88°C

Freezing Point: 32°F / 0°C

Vapor Pressure: ND

Vapor Density: ND (air = 1)

Evaporation Rate: same as water

Solubility: insoluble

Coefficient of water/oil distribution: ND

pH: 8 - 10

Volatile Organic Compounds: wt %: 0 g/L: 0 lbs./gal: 0

Section 10: Stability and Reactivity

Stability: Stable

Conditions to Avoid: Freezing and overheating. Do not mix with other chemicals

Incompatible Materials: Strong bases

Hazardous Decomposition Products: Oxides of carbon, nitrogen, sulfur

Possibility of Hazardous Reactions: No

Section 11: Toxicological Information

Long-term toxicological studies have not been conducted for this product. The following information is available for components of this product.

Acute Toxicity:

| Component | Oral LD50 (rat) | Dermal LD50 (rabbit) | Inhalation LC50 (rat) |
|---------------------------------|-----------------|----------------------|---------------------------|
| Water | > 90 mL/kg | No data | No data |
| Silica (no respirable quartz) | 500 mg/kg | No data | No data |
| Sodium dodecyl benzyl sulfonate | 438 mg/kg | No data | 310 mg/m ³ /4H |
| Nonionic surfactant | 1378 mg/kg | > 2 g/kg | No data |

Chronic Toxicity:

| Component | OSHA Carcinogen | IARC Carcinogen | NTP Carcinogen | Irritant | Sensitizer |
|---------------------------------|-----------------|-----------------|----------------|-----------|------------|
| Water | No | No | No | No | No |
| Silica (no respirable quartz) | No | Group 1 | No | No data | No |
| Sodium dodecyl benzyl sulfonate | No | No | No | eye, skin | No data |
| Nonionic surfactant | No | No | No | No data | No |

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Reproductive Toxicity: No information available
Teratogenicity: No information available
Mutagenicity: No information available
Synergistic Effects: No information available

Section 12: Ecological Information

Ecological studies have not been conducted for this product. The following information is available for components of this product.

Ecotoxicity: No information available
Persistence / Degradability: No information available
Bioaccumulation / Accumulation: No information available
Mobility in Environment: No information available

Section 13: Disposal Considerations

Waste Classification: This product is not a RCRA hazardous waste. (See 40 CFR Part 261.20 – 261.33)
Empty containers may be recycled.

All disposal activities must comply with federal, state, provincial and local regulations. Local regulations may be more stringent than state, provincial or national requirements.

Section 14: Transport Information

US DOT (ground): Not Regulated
ICAO/IATA (air): Not Regulated
IMO/IMDG (water): Not Regulated
Special Provisions: None

Section 15: Regulatory Information

U.S. Federal Regulations:

Toxic Substances Control Act (TSCA):

All ingredients are either listed on the TSCA inventory or are exempt.

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA):

Reportable Quantities (RQ's) exist for the following ingredients: Sodium dodecyl benzyl sulfonate (1000 lbs)

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.

Superfund Amendments Reauthorization Act (SARA) Title III:

Section 302 Extremely Hazardous Substances (EHS): None

Section 311/312 Hazard Categories: Fire Hazard No

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Reactive Hazard No
Release of Pressure No
Acute Health Hazard Yes
Chronic Health Hazard No

Section 313 Toxic Chemicals: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:
None

Clean Air Act:

Section 112 Hazardous Air Pollutants (HAPs): None

Occupational Safety and Health Administration:

This product is regulated by the Hazard Communications Standard.

Canadian Regulations:

Controlled Products Regulations:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

WHMIS Hazard Class: D2B

Canadian DSL Inventory: All ingredients are either listed on the DSL Inventory or are exempt.

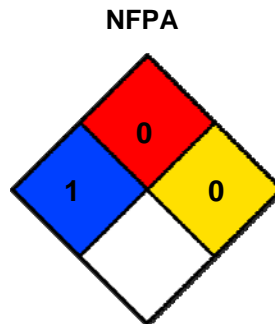
European Union Regulations:

RoHS Compliance: This product is compliant with Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003. This product does not contain any of the restricted substances as listed in Article 4(1) of the RoHS Directive.

Additional Regulatory Information: None

Section 16: Other Information

| HMIS® (II) | |
|---------------|---|
| Health: | 1 |
| Flammability: | 0 |
| Reactivity: | 0 |
| PPE: | B |



Ratings range from 0 (no hazard) to 4 (severe hazard)

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Changes since last revision: Revision date

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The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label. For further clarification of any information contained on this MSDS consult your supervisor, a health & safety professional, or CRC Industries.

| | |
|--|---|
| ACGIH: American Conference of Governmental Industrial Hygienists | NA: Not Applicable |
| CAS: Chemical Abstract Service | ND: Not Determined |
| CFR: Code of Federal Regulations | NIOSH: National Institute of Occupational Safety & Health |
| DOT: Department of Transportation | NFPA: National Fire Protection Association |
| DSL: Domestic Substance List | NTP: National Toxicology Program |
| g/L: grams per Liter | OSHA: Occupational Safety and Health Administration |
| HMIS: Hazardous Materials Identification System | PMCC: Pensky-Martens Closed Cup |
| IARC: International Agency for Research on Cancer | PPE: Personal Protection Equipment |
| IATA: International Air Transport Association | ppm: Parts per Million |
| ICAO: International Civil Aviation Organization | RoHS: Restriction of Hazardous Substances |
| IMDG: International Maritime Dangerous Goods | STEL: Short Term Exposure Limit |
| IMO: International Maritime Organization | TCC: Tag Closed Cup |
| lbs./gal: pounds per gallon | TWA: Time Weighted Average |
| LC: Lethal Concentration | WHMIS: Workplace Hazardous Materials Information System |
| LD: Lethal Dose | |