



# MATERIAL SAFETY DATA SHEET

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## Section 1: Product & Company Identification

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**Product Name:** Super Suds™ Boat Soap

**Product Number (s):** 76223

**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](http://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](http://www.crc-canada.ca)

1-905-670-2291

In Mexico:

CRC Industries Mexico

Av. Benito Juárez 4055 G

Colonia Orquídea

San Luís Potosí, SLP CP 78394

[www.crc-mexico.com](http://www.crc-mexico.com)

52-444-824-1666

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

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## Section 2: Hazards Identification

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### Emergency Overview

**WARNING:** May Cause Eye and Skin Irritation.

Appearance & Odor: Viscous clear blue-green liquid, detergent odor

### Potential Health Effects:

**ACUTE EFFECTS:**

**EYE:** May cause eye irritation. Severity of irritation will depend upon quantity and duration of exposure.

**SKIN:** Brief exposures are not expected to cause any health effects. Prolonged exposure may cause mild irritation. Persons with sensitive skin may experience redness or drying of the skin.

**INHALATION:** Inhalation of small amounts is not expected to cause negative health effects. Prolonged exposure may cause a headache or irritation to the throat.

**INGESTION:** Ingestion of small amounts is not expected to cause negative health effects. Ingestion of larger amounts may cause stomach ache and irritation of the gastrointestinal tract.

**CHRONIC EFFECTS:** None known

**TARGET ORGANS:** None known

Medical Conditions Aggravated by Exposure: eye and skin conditions

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

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### **Section 3: Composition/Information on Ingredients**

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<b>COMPONENT</b>	<b>CAS NUMBER</b>	<b>% by Wt.</b>
Water	7732-18-5	75 – 85
Coconut alkanolamide	68603-42-9	10 - 20
Diethanolamine	111-42-2	5 - 10
Sodium carbonate monohydrate	5968-11-6	< 1

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### **Section 4: First Aid Measures**

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**Eye Contact:** Immediately flush with plenty of water for 15 minutes. Call a physician if irritation persists.

**Skin Contact:** Remove contaminated clothing and wash affected area with soap and water. Call a physician if irritation persists. 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:** Give victim 1 – 2 glasses of water. If health effects are experienced, contact a physician.

*Note to Physicians:* Treat symptomatically.

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### **Section 5: Fire-Fighting Measures**

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**Flammable Properties:** As defined by OSHA, this product is nonflammable.

Flash Point:	None	Upper Explosive Limit:	None
Autoignition Temperature:	None	Lower Explosive Limit:	None

**Fire and Explosion Data:**

**Suitable Extinguishing Media:** Use extinguishing media appropriate for surrounding fire.

**Products of Combustion:** None

**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.

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### **Section 6: Accidental Release Measures**

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**Personal Precautions:** Use personal protection recommended in Section 8.

**Environmental Precautions:** Take precautions to prevent contamination of ground and surface waters. 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

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containers.

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## Section 7: Handling and Storage

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**Handling Procedures:** Do not mix this product with other household chemicals. Wash hands after use and before consuming food. For product use instructions, please see the product label.

**Storage Procedures:** Store in a cool dry area out of direct sunlight. Containers should be tightly closed while in storage. Store out of reach of children.

**Aerosol Storage Level:** NA

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## Section 8: Exposure Controls/Personal Protection

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### **Exposure Guidelines:**

COMPONENT	OSHA		ACGIH		OTHER		UNIT
	TWA	STEL	TWA	STEL	TWA	SOURCE	
Water	NE	NE	NE	NE	NE		
Coconut alkanolamide	NE	NE	NE	NE	NE		
Diethanolamine	3(v)	NE	1	NE	NE		mg/m <sup>3</sup>
Sodium carbonate monohydrate	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. 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.

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

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## Section 9: Physical and Chemical Properties

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**Physical State:** liquid (viscous)

**Color:** clear blue-green

**Odor:** detergent

**Odor Threshold:** ND

**Specific Gravity:** 1.01

**Initial Boiling Point:** ~212°F / 100°C

**Freezing Point:** ND

**Vapor Pressure:** ND

**Vapor Density:** ND (air = 1)

**Evaporation Rate:** slow

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Solubility: soluble in water

Coefficient of water/oil distribution: ND

pH: 8.75

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

**Section 10: Stability and Reactivity**

Stability: Stable

Conditions to Avoid: None

Incompatible Materials: Strong oxidizers, strong acids

Hazardous Decomposition Products: None

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:**

<u>Component</u>	<u>Oral LD50 (rat)</u>	<u>Dermal LD50 (rabbit)</u>	<u>Inhalation LC50 (rat)</u>
Water	> 90 mL/kg	No data	No data
Coconut alkanolamide	No data	No data	No data
Diethanolamine	1730 mg/kg	8180 mg/kg	No data
Sodium carbonate monohydrate	4090 mg/kg	No data	2300 mg/m <sup>3</sup> /2H

**Chronic Toxicity:**

<u>Component</u>	<u>OSHA Carcinogen</u>	<u>IARC Carcinogen</u>	<u>NTP Carcinogen</u>	<u>Irritant</u>	<u>Sensitizer</u>
Water	No	No	No	No	No
Coconut alkanolamide	No	No	No	eye, skin	Unknown
Diethanolamine	No	No	No	eye, skin	No
Sodium carbonate monohydrate	No	No	No	eye, skin	Yes

Reproductive Toxicity: No information availableTeratogenicity: No information availableMutagenicity: No information availableSynergistic 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: Over 99% of the product components are biodegradable

Bioaccumulation / Accumulation: No information available

Mobility in Environment: No information available

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## **Section 13: Disposal Considerations**

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**Waste Classification:** This product is not a RCRA hazardous waste. (See 40 CFR Part 261.20 – 261.33)  
Waste should be collected and properly disposed. Do not dump into bodies of water or on the ground. 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.

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## **Section 14: Transport Information**

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US DOT (ground): Not Regulated

ICAO/IATA (air): Not Regulated

IMO/IMDG (water): Not Regulated

Special Provisions: None

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## **Section 15: Regulatory Information**

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### **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: None

**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
	Reactive Hazard	No
	Release of Pressure	No
	Acute Health Hazard	No
	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 (OSHA):

This product is regulated under the Hazard Communication Standard.

### **U.S. State Regulations:**

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California Safe Drinking Water and Toxic Enforcement Act (Prop 65):

This product may contain the following chemicals known to the state of California to cause cancer, birth defects or other reproductive harm:

Coconut alkanolamide  
Diethanolamine

Consumer Products VOC Regulations: In states with Consumer Products VOC regulations, this product is compliant as a general purpose cleaner.

State Right to Know:

New Jersey: None  
Pennsylvania: None  
Massachusetts: None  
Rhode Island : None

**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

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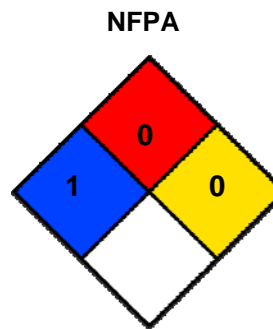
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**Section 16: Other Information**

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



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

Prepared By: Michelle Rudnick  
CRC #: 662A  
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Changes since last revision: Section 3: Composition  
Section 15: Prop 65

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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.

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