

Ditec Marine Products LLC
SAFETY DATA SHEET



Section 1: Identification

Product Name: Ditec Marine DC-100 Surface Clean Product Code:H006186

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Chemical Description / Application: Cleaning / Washing Agent

Section 2: Hazard(s) Identification

GHS Ratings:

There are no GHS ratings that apply to this product at this time.

GHS Hazards

GHS Precautions

There are no GHS hazards or precautions that apply to this product at this time.

Section 3: Composition/Information on Ingredients

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Organic Salt Solution 90 to 100%	N/A	N/A	N/A

Section 4: First-aid Measures

Inhalation

Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Get immediate medical attention. To prevent aspiration, keep head below knees.

Eye Contact

Immediately flush eyes with water. Flush eyes with water for a minimum of 15 minutes, occasionally lifting and lowering upper lids. Get medical attention promptly.

Skin Contact

Remove contaminated clothing. Wash skin with soap and water. If irritation persists get medical attention. Wash clothing separately and clean shoes before reuse.

Ingestion

If swallowed, do NOT induce vomiting. Give victim a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Section 5: Fire-fighting Measures

Extinguishing Media

Use media suitable for the surrounding fire.
(Foam, CO2, Dry Chemical)

Specific Hazards Arising from the Chemical

None known.

Special Protective Equipment and Precautions for Firefighters

Special Information: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

Section 6: Accidental Release Measures**Spill and Leak Procedures**

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Section 7: Handling and Storage**Handling Procedures**

Keep out of reach of children. Keep container tightly closed.

Use with adequate ventilation. Avoid breathing dusts, mists, and vapors. Do not get in eyes, on skin, or on clothing. Wear eye protection and protective clothing. Wash thoroughly after handling.

Storage Requirements

Store containers in a cool, dry, well ventilated place. Keep container closed when not in use. Store in fiberglass, polyethylene, or polypropylene containers. Do not store in metal containers, especially aluminum. Storage in certain metal containers at temperatures above 60°C / 140°F may result in hydrogen gas evolution. Do not store at temperatures above 48°C / 120°F.

Section 8: Exposure Control/Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Trade Secret N/A			

ENGINEERING CONTROLS: Provide ventilation sufficient to maintain exposure below the recommended limits.

RESPIRATORY PROTECTION: Use only with adequate ventilation. Provide adequate fresh air entry. If not, a respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant the use of a respirator. If ventilation is inadequate use an organic vapor / particulate respirator for spray / mist vapors.

SKIN PROTECTION: Wear impervious protective gloves. Wear protective gear as needed - apron, suit, boots.

EYE PROTECTION: Wear safety glasses with side shields (or goggles) and a face shield.

OTHER PROTECTIVE EQUIPMENT: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

HYGENIC PRACTICES: Do not eat, drink, or smoke in areas where this material is used. Avoid breathing vapors. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling. Wash hands before eating.

Section 9: Physical and Chemical Properties

<p>Appearance: Clear slightly yellow liquid</p> <p>Vapor Pressure: Not Available</p> <p>Vapor Density: Not Available</p> <p>Density: Not Available</p>	<p>Odor: Not Available</p> <p>Odor threshold: Not Available</p> <p>pH: <1.0</p> <p>Melting point: Not Available</p>
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Freezing point: Not Available
Boiling range: 85 to 100 °C
Evaporation rate: Slower than Ether
Explosive Limits: Not Available
Autoignition temperature: Not Available
Viscosity: Not Available

Solubility: 100% Soluble in Water
Flash point: Not Available
Flammability: Not Available
Specific Gravity: 1.190
Decomposition temperature: Not Available
Grams VOC less water: Not Available

Section 10: Stability and Reactivity

Chemical Stability:

STABLE

Incompatible Materials: Strong oxidizing agents. Avoid contact with oxidizers. This material may be extremely hazardous in contact with chlorates or nitrates. This material is acidic. Contact with hypochlorites (e.g. chlorine bleach, sulfides, or cyanides will liberate toxic gases. Contact with alkaline materials (e.g. aqueous ammonia) will generate heat.

Conditions to Avoid: Heating above 110 C may result in an exothermic decomposition with rapid release of CO₂ gas.

Hazardous Decomposition Products: Thermal decomposition may yield oxides of carbon, nitrogen, and chlorine. Hydrogen gas may be released upon contact with certain metals.

Hazardous Polymerization: Will not occur.

Section 11: Toxicology Information

Carcinogenicity: Non-hazardous by OSHA criteria. Not listed by IARC, NTP, or ACHIG.

Teratogenicity, Mutagenicity, Reproductive Effects: This product was found not to be mutagenic.

Synergistic Materials: Not available

Section 12: Ecological Information

Component Ecotoxicity

Section 13: Disposal Considerations

Dispose of in accordance with local, state and federal regulations.

Section 14: Transportation Information

Land transport: Not DOT Regulated

Water Transportation (IMDG): Refer to Bill of Lading or container label for DOT or other transportation hazard classification, if any.

Air Transportation (IATA): Refer to Bill of Lading or container label for DOT or other transportation hazard classification, if any.

Section 15: Regulatory Information

SDS prepared pursuant to the Hazard Communication Standard (29 CFR 1910.1200)

Environmental Regulatory Lists: SARA: Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 - None of the ingredients are listed.

Section 16: Other Information

Date Prepared: 08/02/2018

Disclaimer

The information herein is believed to be correct, but does not claim to be all inclusive and should be used only as a guide. Neither the above named supplier nor any of its affiliates or subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All chemical reagents must be handled with the recognition that their chemical, physiological, toxicological, and hazardous properties have not been fully investigated or determined. All chemical reagents should be handled only by individuals who are familiar with their potential hazards and who have been fully trained in proper safety, laboratory, and chemical handling procedures. Although certain hazards are described herein, we can not guarantee that these are the only hazards which exist. Our SDS are based only on data available at the time of shipping and are subject to change without notice as new information is obtained. Avoid long storage periods since the product is subject to degradation with age and may become more dangerous or hazardous. It is the responsibility of the user to request updated SDS for products that are stored for extended periods. Disposal of unused product must be undertaken by qualified personnel who are knowledgeable in all applicable regulations and follow all pertinent safety precautions including the use of appropriate protective equipment (e.g. protective goggles, protective clothing, breathing equipment, face mask, fume hood). For proper handling and disposal, always comply with federal, state and local regulations.

STATEMENT OF COMPLIANCE

Surface Clean

ITEM NUMBER: H006186

When used as directed, Surface Clean is not harmful to the Marine Environment as defined in the MARPOL Dangerous Substances Directive and can be discharged **with wash water** in accordance with MARPOL Annex V and EPA NPDES. The components of Surface Clean are MARPOL Annex III and EU REACH compliant.