DITEC MARINE PRODUCTS, LLC
SAFETY DATA SHEET

Section1: Identification

Product Name: PROTEC 1
Ditec Marine Products, LLC
W229 N2512 Duplainville Road Waukesha, WI 53186 USA
Tel: 1 800 572 4390

Product Code: PG-PRTC-1OOM

Emergency Phone:
CHEMTREC: Canada and USA - (800) 424-9300 Acct: 1018960

Product Use: Yacht polish and coating product (professional use)
Not recommended for: NA

Section2: Hazard(s) Identification

GHS Ratings:

Flammable liquid	Category 4
Aspiration hazard	Category 1

GHS Hazards:

H227	Combustible liquid.
H304	May be fatal if swallowed and enters airways

GHS Precautions:

P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P280	Wear protective gloves/protective clothing/eye protection/face protection
P301+P310	If swallowed: Immediately call a POISON CENTER or doctor / physician.
P331	Do NOT induce vomiting
P370+P378	In case of fire: Use dry chemical, foam or carbon dioxide to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local, state and federal regulations.

Hazards not otherwise classified (HNOC)
Reacts slowly with water or moisture, releasing small amounts of methanol. Vapors are heavier than air and may accumulate in poorly ventilated, low-lying areas.

Signal Word: Danger
Hazard pictogram: GHS08 (health hazard)



Section 3: Composition/Information on Ingredients

Chemical Name	CAS No.	Concentration (% w/w)	Classification
Trade Secret. Proprietary Information			

The specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

Section 4: First-aid Measures

Inhalation
Move to fresh air and keep at rest.

Eye Contact
Rinse with plenty of water for 15 minutes. Remove contact lenses if easy to do.

Skin Contact
Wash with soap and plenty of water.

Ingestion
Immediately call a POISON CENTER or doctor. Do NOT induce vomiting.

Most important symptoms and effects
Aspiration into the lungs after swallowing or vomiting may cause chemical pneumonitis. High vapor concentrations may cause drowsiness or dizziness.

Notes to physician
Treat symptomatically.

Section 5: Fire-fighting Measures

Suitable extinguishing media
Foam, dry chemical powder, carbon dioxide, water fog.

Unsuitable extinguishing media
Solid water stream.

Specific hazards
Combustible liquid. Thermal decomposition may produce hydrogen fluoride, hydrogen chloride, carbonyl halides, carbon oxides and silicon dioxide.

Protective equipment for firefighters
Wear self-contained breathing apparatus and protective clothing. Cool containers exposed to heat with water spray.

Section 6: Accidental Release Measures

Personal precautions
Ensure adequate ventilation. Wear protective equipment (see Section 8). Remove ignition sources.

Environmental precautions
Prevent the product from entering drains, waterways and soil.

Methods for cleaning up
Absorb with inert material (e.g. sand, earth) and place in closed containers for disposal.

Section 7: Handling and Storage

Precautions for safe handling
Use only with adequate ventilation. Avoid breathing vapors and contact with eyes and skin. Keep away from heat and ignition sources.

Conditions for safe storage
Store locked up in the original, tightly closed container in a cool, dry, well-ventilated place below 40 °C (104 °F). Protect from moisture and direct sunlight. Keep away from oxidizing agents, acids and bases.

Section 8: Exposure Control/Personal Protection

Chemical Name	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Trade Secret. Proprietary Information			

Engineering controls
Ensure good general ventilation; use local exhaust ventilation in enclosed areas.

Eye/face protection
Safety glasses with side shields or chemical goggles.

Hand protection
Chemical-resistant gloves (e.g. nitrile). Change gloves frequently and immediately when contaminated.

Skin protection
Suitable protective work clothing.

Respiratory protection
If ventilation is insufficient: NIOSH-approved respirator with organic vapor cartridges.

Section 9: Physical and Chemical Properties

Physical state: Liquid	**Decomposition temperature:** No data available.
Color: Colorless	**pH:** N/A
Odor: Mild solvent odor	**Kinematic viscosity:** ≤ 20.5 mm²/s (40 °C)
Odor threshold / melting point: No data available.	**Solubility in water:** Insoluble (hydrolyzes slowly)
Initial boiling point and boiling range: Approx. 54 °C (129 °F) (fluorinated solvent component)	**Partition coefficient n-octanol/water:** Not applicable (mixture)
	Vapor pressure: No data available.
Flammability: Combustible liquid	**Relative density:** Approx. 1.02 (25 °C, calculated)
Explosion limits: No data available.	**Relative vapor density:** >1 (air = 1)
Flash point: > 65 °C (> 149 °F) (Tag closed cup)	**Evaporation rate:** No data available.
Auto-ignition temperature: No data available.	

Section 10: Stability and Reactivity

Reactivity
Reacts slowly with water, acids and bases (hydrolysis), releasing small amounts of methanol.

Chemical stability
Stable under recommended storage conditions.

Possibility of hazardous reactions
No hazardous polymerization.

Conditions to avoid
Heat, open flames, sparks, direct sunlight, moisture.

Incompatible materials
Oxidizing agents, acids, bases, water.

Hazardous decomposition products
Methanol (on contact with water or moisture). On thermal decomposition: hydrogen fluoride, hydrogen chloride, carbonyl halides, carbon oxides, silicon dioxide.

Section 11: Toxicology Information

Likely routes of exposure: Inhalation, skin, eyes, ingestion.	**Carcinogenicity:** Not classified. No component is listed as a carcinogen by IARC, NTP or OSHA.
Acute toxicity: Not classified.	**Reproductive toxicity:** Not classified.
Skin corrosion/irritation: Not classified.	**STOT – single exposure:** Not classified.
Serious eye damage/irritation: Not classified.	**STOT – repeated exposure:** Not classified.
Respiratory or skin sensitization: Not classified.	**Aspiration hazard:** Category 1. Contains ≥ 10 % hydrocarbons; kinematic viscosity ≤ 20.5 mm²/s at 40 °C.
Germ cell mutagenicity: Not classified.	

Section 12: Ecological Information

Ecotoxicity
Not classified as hazardous to the aquatic environment.

Persistence and degradability
Hydrocarbon component: expected to be readily biodegradable. Fluorinated solvent component: not readily biodegradable (OECD 301C).

Bioaccumulative potential
No data available.

Mobility in soil
No data available.

Other adverse effects
Fluorinated solvent component: ozone depletion potential 0.00002; global warming potential < 1.

Section 13: Disposal Considerations

Product
Dispose of in accordance with local, state and federal regulations. Do not discharge into drains or waterways.

Contaminated packaging
Dispose of in the same way as the product. Completely emptied containers may be recycled.

Section 14: Transportation Information

DOT (US ground): Not regulated in non-bulk packaging (combustible liquid, flash point > 65 °C). **IMDG (sea):** Not regulated as dangerous goods. **IATA (air):** Not regulated as dangerous goods. **UN number:** Not applicable	**UN proper shipping name:** Not applicable **Transport hazard class:** Not applicable **Packing group:** Not applicable **Marine pollutant :** No

Section 15: Regulatory Information

US federal regulations	US state regulations
TSCA inventory **SARA 311/312 hazard categories:** Flammable (combustible liquid); aspiration hazard **SARA 313:** None above de minimis levels.	**California Proposition 65**

Section 16: Other Information

Revision information
Version 2.0: reformulated; revised to OSHA HCS.

Abbreviations
PEL: permissible exposure limit; TLV: threshold limit value; AEL: acceptable exposure limit; STOT SE: specific target organ toxicity – single exposure.

Full text of H-statements
H227 Combustible liquid.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.

Disclaimer
Based on current knowledge; no guarantee of product properties.

End of Safety Data Sheet