



Premium Bilge Cleaner



DESCRIPTION

Old Salty *Premium Bilge Cleaner* is a heavy duty, biodegradable surfactant concentrate that uses the natural motion of the boat to emulsify and dissolve the oil, grease and fuel spills that collect in engine compartment and bilge areas.

DIRECTIONS

Apply 1 oz (30 ml) Old Salty *Premium Bilge Cleaner* for every 4 feet (1.2 m) of bilge water line. Add directly to the bilge water. Allow the motion of the boat to clean the bilge, then pump out. Repeat procedure until the bilge is free of grease, oil, fuel and contaminants.

To ensure effective coating on the bilge surface, be sure there is some Old Salty *Premium Bilge Cleaner* in the bilge all the time.

PHYSICAL DATA

Appearance	Clear liquid
Color	Colourless
Foam	Moderate
Odor	Mild odor
pH	7.0 - 8.0

'Shiver me timbers, this be one mighty powerful brew!'

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **PREMIUM BILGE CLEANER**

WHMIS CODE: D2B
 Proper Shipping Name: N/A
 Hazard Class: N/A
 UN Number: N/A

HMIS	
1	Health
0	Flammability
0	Reactivity
B	Personal

Product Use: *Bilge cleaner.*

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 Canada: Canutec 613-996-6666
 U.S.A.: Chemtrec 800-424-9300

A=Goggles, B=Goggles & Gloves
 C=Goggles, Gloves and Apron

ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO.	RANGE %	PEL	TLV
PROPYLENE GLYCOL N-BUTYL ETHER	5131-66-8	5.0-10.0	N/A	N/A
LD50 (oral rat)	5660 mg/kg			
LD50 (dermal)	3100 mg/kg (rabbit)			
LC50	No Data			
ALCOHOL ETHOXYLATE	68439-46-3	1.0-5.0	N/A	N/A
LD50 (oral rat)	1376 mg/kg			
LD50 (dermal rabbit)	>2 g/kg			
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	5.0-10.0	100 ppm	100 ppm
LD50	5135 mg/kg			
LD50	9500 mg/kg (Rabbit)			
LC50	N/A			

SECTION 3 – PHYSICAL DATA

Color and Odor: Clear/colourless, characteristic odor. **Boiling Point:** Approx. 100°C **Vapor Pressure (mm HG):** N/D **pH:** 7.0 - 8.0
Physical State: Liquid. **Melting Point:** N/A **Vapor Density:** N/D **Specific Gravity:** 0.988 @ 20°C
Coef. Water/Oil Dist: N/A **Evaporation Rate:** N/D **Solubility in Water:** Soluble **Odor Threshold:** No Data

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: >61°C, (140°F) (Flashpoint-Seta cc – ASTM D3828)
Sensitivity to Mechanical Impact: None. **Flammable Limits:** N/D **Auto ignition Temperature:** N/D
Conditions of Flammability: N/D
Sensitivity to Static Discharge: N/D
Extinguishing Media: Water, dry chemical or alcohol foam, carbon dioxide. Use extinguishing medias suitable for surrounding areas.
Unusual Fire and Explosion Hazards: Prolonged contact with reactive metals (i.e. aluminum, tin, zinc, etc.) may form flammable and explosive hydrogen gas in confined areas.
Hazardous Combustion Products: Decomposition may produce oxides of carbon.
Special Fire Fighting: Wear full protective equipment, including a NIOSH/MSHA approved, self-contained breathing apparatus (SCBA) for large fires. For small fires, which may be easily extinguished by a portable fire extinguisher, the use of SCBA is optional. Use water spray to cool all nearby fire exposed surfaces.

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable under normal storage conditions. **Hazardous Polymerization:** Will not occur.
Incompatibility (material to avoid): Strong oxidizers, and acids.
Conditions to Avoid: N/D.
Hazardous Decomposition Products: Decomposition may produce oxides of carbon.

SECTION 6 – TOXICOLOGICAL DATA

Exposure Limits: See Section 2 under Hazardous Ingredient. **Routes of Entry:** Skin and eye contact and inhalation.
Carcinogenicity: None known. **Teratogenicity:** None known.
Sensitization: None known. **Mutagenicity:** None known.
Name of Toxicological Synergistic Product: None known. **Reproductive Toxicity:** None known.
Irritancy of Product: Irritating to skin, eyes and respiratory system.
Effects of Chronic Exposure: Prolonged or repeated exposure may cause skin irritation, dryness or dermatitis.
Effects of Acute Exposure to Product: Product exposure may cause skin and eye irritation. Prolonged inhalation of vapors or mists may irritate respiratory tract causing headaches, nausea, central nervous system effects, etc. Ingestion may cause gastrointestinal discomfort, and symptoms similar to inhalation.

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: Normally not required. Use a NIOSH/MSHA approved dust/mist respirator if product is misted/sprayed in confined areas.
Ventilation: Good general ventilation or local exhaust ventilation for spraying and misting in confined areas.
Protective Gloves: Recommended to minimize skin contact. Natural or butyl rubber, nitrile, or neoprene gloves.
Eye Protection: If product is misted or sprayed, wearing of safety goggles or glasses is recommended.
Protective Clothing and Equipment: Long sleeve clothing. Eyes wash recommended in the immediate work area.
Storage and Handling Procedures: Use good industrial hygiene. Do not get in eyes. Avoid contact with skin, and clothing. Avoid breathing sprays or mists. Store in a cool, dry place away from incompatibles and direct sunlight. Vent caps may be required to prevent a build-up of pressure that could cause containers to burst. Do not mix with any other chemicals. Store below 30°C. Keep from freezing.
Disposal Procedures for Spills or Leaks: Wear protective equipment. Dike and contain large spills. Pump spill into a clean waste container. For small spills, soak up with a suitable absorbent such as clay, soil or commercially available absorbents, and scoop into a clean waste container. Keep material away from sewers and natural waters.
Waste Disposal Method: Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.
Special Shipping Information: Store at temperature below 30°C. Keep from freezing.

SECTION 8 – EMERGENCY FIRST AID PROCEDURES

First Aid:
 If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. Get medical attention. For contact with skin, wash with clean water and rinse well. If irritation occurs or persists, get medical attention.

PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division PHONE: 604-526-5655 LAST UPDATE: 07/04/11
 THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE