

MATERIAL HEALTH & SAFETY DATA SHEET

(Key: > = Greater than; < = Less than)

SECTION 1 - MATERIAL IDENTIFICATION & USE

Material Name: **BILGE CLEANER** Codes 201 & 202

Supplier: *Captain* PHAB Ltd.

Address: 613 Neal Drive
Peterborough, Ontario.
K9J 6X7

Emergency Telephone #: 705 748-0436

Chemical Name: n/a Molecular Weight: n/a

Chemical Family: Water-based detergents Trade Name/Synonyms: n/a

Chemical Formula: n/a Material Use: Boat bilge cleaning

SECTION 2 - HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	Approximate Concentration %	C.A.S.N.A. or U.N. Numbers	"Exposure Limits"	LD50 / LC50 Specify Species & Route
Sodium Metasilicate	1-5	6834-92-0		800 mg/kg n/a
Lauryl Amine Oxide	5-10	1643-20-5		400 mg/kg n/d
2-Butoxyethanol	25-40	111-76-2		1750 mg/kg 800 ppm
Sodium Xylene Sulphonate	1-5	N/App		

SECTION 3 - PHYSICAL DATA FOR MATERIAL

Physical State: liquid X Specific Gravity: 1.01 Odour Threshold(ppm): n/av Odour & Appearance: Lemon yellow appearance
Vapour Pressure (mm/Hg): n/av Vapour Density (Air=1): >1 Evaporation Rate: n/av Boiling Point (°C): 100 Freezing Point (°C): 0
Solubility in Water(20°C): total pH: 8-9.5 Coefficient of water/oil distribution: n/av

SECTION 4 - FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability: No. water-based formula.

Means of Extinction: Treat as surrounding fire

Special Procedures: n/a

Flash point(°C) & Method: none Upper explosion limit(% by volume): n/app Lower explosion limit (% by volume): n/app

Auto Ignition Temperature(°C): n/app Hazardous Combustion Products: CO₂, CO

Chemical Sensitivity to Impact: N/App Explosion Power: n/av Sensitivity to Static Discharge: n/app

SECTION 5 - REACTIVITY DATA

Chemical Stability: Yes Conditions:

Incompatibility to other substances: Yes Substances: Keep away from oxidizing chemicals.

Reactivity and under what conditions: none

Hazardous Decomposition Products: CO₂, CO

SECTION 6 - TOXICOLOGICAL PROPERTIES OF PRODUCT

Route of Entry: Skin Contact: Skin Absorption:..... Eye Contact: X
Inhalation Acute:..... Inhalation Chronic:..... Ingestion: X

Effects of Acute Exposure to Product: None

Effects of Chronic Exposure to Product: None

LD50 of Product (Specify Species & Route): N/Av. Sensitization to Product: n/av
LC50 of Product (Specify Species): N/Av. Exposure limits of Product: n/app
Irritancy of Product: only if user is allergic to fragrance Synergistic materials:

Carcinogenicity:..n/a..... Reproductive effects: Teralogenicity:..... Mutagenicity:..
NO KNOWN SYSTEMIC EFFECTS.

SECTION 7 - PREVENTIVE MEASURES

Personal Protective Equipment: No special equipment required.
Gloves: Respiratory: Eye: as for any soap Footwear:
Clothing:.....Other:

Engineering Controls: None
Leak & Spill Procedure: Dilute with water and flush to sewer.
Waste Disposal: Wash down with plenty of water
Handling Procedures & Equipment: As any liquid soap
Storage Requirements: Keep in a cool place
Special Shipping Information: Keep containers closed, not regulated..

SECTION 8 - FIRST AID MEASURES

Skin: Thoroughly wash exposed area with plenty of water.

Eyes: Flush with water for 15 minutes lifting upper and lower lids . Get medical attention if irritation persists..

Inhalation: If breathing is affected, remove individual to fresh air. Get medical attention if necessary.

Ingestion: Drink large amounts of water or milk. Do not induce vomiting . Consult a physician.

IN CASE OF A DANGEROUS GOODS EMERGENCY CALL CANUTEC'S 24 HOUR NUMBER – 613-996-6666

SECTION 9 - PREPARATION DATE OF M.S.D.S.

Additional information/Comments:
Sources Used: Basic ingredient manufacturers and contract packager.
Prepared by: Abe Kelly. Phone #: 705 748-0436 Fax: 705 876-6467 Date: January 1, 2006 Revision Date: December 1, 2006