



MATERIAL SAFETY DATA SHEET

COMPANY INFORMATION

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MSDS INFORMATION

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Prepared By: Security Committee
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PRODUCT INFORMATION

Product name/Number: **Barnacle Buster 1208-M**
Trade Name – **Barnacle Buster**
Product Description: (product use): Marine Growth Remover

SECTION I – COMPOSITION / INFORMATION ON INGREDIENTS

This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information System (WHMIS). Unlisted ingredients are not “hazardous” per the OSHA standard and /or are not found on the WHMIS ingredient disclosure list.

Hazardous ingredients	: Phosphoric Acid 85%	
Approx. concentration. (%)	: 5% -20%	
#CAS – NA or UN	: 7664 – 38-2	
DL 50 (specific type and way)	: 3,500 mg/kg	FLAMMABILITY : <0>
Limit of exposition	: none	REACTIVITY : <0>
		HEALTH : <1>

SECTION II- PHYSICAL CHARACTERISTICS

Physical state	: () GAS	(x) LIQUID	() SOLID
Odor and appearance	: Clear / light amine odor		
Threshold odor	: N/A		
Density	: 1.14		
Vapor pressure (mm Hg)	: 14mm hg/68°F		
Vapor density (air = 1)	: N/A		
Evaporation rate	: Same as water		
Boiling point	: 300°F		
Freezing point (°F)	: 30° F		
Solubility in water (70°F)	: Complete		
pH	: 1		

Volatile organic compounds (VOC) contents: no VOC contents

SECTION III – FIRE AND EXPLOSION HAZARD DATES

Inflammability	: () yes	(x) no
If yes, in which conditions?		
Extinguishing media	: water -foam - powder, dry chemical.	
Special method	: none	
Flash point / method	: none close cup and open cup	
Flammability limits in air (% per volume)	: inferior: N/A	
	: superior: N/A	
Temperature auto ignition(°F)	: N/A	
Class of flammability THD	: N/A	
Unusual fire and explosion hazard	: none	
Explosion data	: none	
Sensibility of chemical impact	: none	
Combustion rate	: N/A	
Sensibility of electrostatic discharge	: N/A	

SECTION IV- TRANSPORTATION INFORMATION

Ground transportation: Class 55
Not regulate



SECTION V – REACTIVITY DATA

Chemical stability : (x) yes () no
If yes, in which conditions? : if store at the recommended temperature

Incompatibility (Materials to avoid): Avoid contact with strong Alkaline bases because high heat of reaction can generate steam.
Hazardous Decomposition Materials: None
Hazardous Polymerization: None
Conditions to Avoid for Polymerization: None described
Stability Considerations: Stable
Conditions to Avoid for Stability: None

SECTION VI – POTENTIAL HEALTH EFFECTS

Eyes: Eye contact with liquid product may cause irritation.
Skin: Prolonged or repeated contact with liquid product may cause light irritation.
Inhalation: Exposure to vapors in poorly ventilated areas may cause light irritation of the nose.
Ingestion: Not an anticipated route of exposure. Small amounts are not anticipated to be harmful.

SECTION VII – SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: **Store drums away from excessive heat.**

SECTION VIII – TOXICITY DATA

Chronic effects of exposure to the product : none
Irritations : none
Exposition limit : see section II
CL50 of product : N/A
Sensibility : N/A
Synergic Material
- Carcinogenicity effects : none
- Harmful effects of reproduction : none
- Teratogenes effects : none
- Mutageny effects : none

SECTION IX - FIRST AID MEASURES

Skin: wash with water for a few minutes
Eyes: rinse with water for a few minutes, if irritation persist consult a physician.
Ingestion: drink one or two glasses of water or milk. Do not induce vomiting, consult a physician if stomach ache persist.
General recommendation: none

SECTION X – SPILL OR LEAK PROCEDURES

Small Spills: Spill and lead disposal procedure. Rinse with water
Large Spills: Should be absorbed by dirt or other absorbents for disposal. Must conform to Federal, State and Municipal regulations.

SECTION XI - PERSONAL PROTECTION

Protection equipment:

- gloves : rubber gloves
- respiration protection : none
- eyes protection : goggle
- shoes : normal
- clothing : normal
- control mechanic device : none