

## MATERIAL SAFETY DATA SHEET

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### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**PRODUCTNAME** : ULTRASONIC MULTICLEANER  
**PRODUCTTYPE** : Industrial cleaning product  
  
**COMPANY** : UNIMARINE SERVICES INC.  
60 MARKET SQUARE  
PO BOX 364  
BELIZE CITY  
T +35725331054  
info@unimarine-services.com

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

1. Sodium hydroxide      20 % CASnr: 1310-73-2

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### 3. HAZARDS IDENTIFICATION

**HUMAN HEALTH** : Corrosive to eyes and skin  
  
**RISK CLASSIFICATION** : Corrosive      R-35 Causes severe burns  
  
**ENVIRONMENTAL HAZARDS** : Do not let down into the environment without thinning and neutralisation.

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### 4. FIRST AID MEASURES

**INHALATION** : Remove to fresh air. Keep the patient calm. Transport to a hospital.  
  
**SKIN** : Take of contaminated clothing immediately. Wash the skin with large amounts of water. Consult a physician.  
  
**EYE** : Flush with large amounts of water. Seek medical advice.  
  
**INGESTION** : Wash the mouth with water. Do **NOT** induce vomiting. Give 2 glasses of water to drink. Transport to a hospital.

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### 5. FIRE FIGHTING MEASURES

**FLASH POINT** : None  
  
**SPECIFIC HAZARDS** : See under 9  
  
**EXTINGUISHING MEDIA** : No limitations. The product does not burn.

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**6. ACCIDENTAL RELEASE MEASURES**

<b>CLEANING UP</b>	:	Absorb spills in sand, earth or other inert material. Dispose of the material according to local regulations. Scrub contaminated surfaces with detergent solution.
<b>ENVIRONMENTAL PRECAUTION</b>	:	Prevent contamination of soil and water. Do not let down into the environment without thinning and neutralisation.

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**7. HANDLING AND STORAGE**

<b>HANDLING</b>	:	Do not breathe vapours or mists. Use in well ventilated areas.
<b>STORAGE</b>	:	Keep in closed containers, in a dry place and frost free. Avoid contact with acids.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>MAK</b>	:	2 mg/m <sup>3</sup> .
<b>PREVENTIVE MEASURES</b>	:	Clean contaminated clothing before re-use. Use in well ventilated areas.
<b>PERSONAL PROTECTIVE EQUIPMENT</b>	:	Wear suitable protective clothing, eye protection and chemical resistant gloves. Wear breathing protection when spraying the product.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE</b>	:	Clear liquid
<b>ODOUR</b>	:	Neutral
<b>FLASH POINT</b>	:	None
<b>pH</b>	:	> 13
<b>BOILING POINT</b>	:	100 °C
<b>DENSITY (20°C)</b>	:	1.2 - 1.3
<b>SOLUBILITY</b>	:	Miscible with water, not miscible with organic solvents

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**10. STABILITY AND REACTIVITY**

<b>STABILITY</b>	:	Stable min 2 years at ambient temperature if stored in closed container.
<b>REACTIVITY</b>	:	Avoid contact with acids and metals.
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	:	Thermal decomposition may yield the following: Hydrogen.

#### 11. TOXICOLOGICAL INFORMATION

Information given is based on a knowledge of the constituents and the toxicology of similar substances.

**ORAL** : Corrosive, stomach ache, diarrhoea, risk of perforation of the stomach.  
**SKIN CONTACT** : Corrosive, redness, pain, severe burns.  
**EYE CONTACT** : Corrosive, loss of sight, severe burns.  
**INHALATION** : Corrosive, throat ache, coughing, short of breath.

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#### 12 ECOLOGICAL INFORMATION

Information given is based on a knowledge of the constituents and the toxicology of similar substances.

Raise of pH can disturb the biological equilibrium in the aquatic environment. Do not let down into the environment without thinning and neutralisation

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#### 13 DISPOSAL CONSIDERATIONS

Dispose of according to local regulations. Contaminated product is to be regarded as chemical waste.

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#### 14 TRANSPORT INFORMATION

**UN-number** : 1824  
**ADR** : 8.42b)  
**IMO** : 8/II

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#### 15 REGULATORY INFORMATION

**EG** : 011-002-01-3  
**SYMBOL** : Corrosive  
**R-PHRASES** : 35  
**S-PHRASES** : 37/39,2,26,27

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#### 16 OTHER INFORMATION

The information contained herein relates only to the specific material identified. Uniservice believes that such information is accurate and reliable as of the date of this material safety data sheet, but no representation, guarantee or warranty, express or implied, is made as to the accuracy, reliability, or completeness of the information. Uniservice urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application

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