

## 1. Product and Company Identification

www.rxmarine.com

Product Name BACTI BARRIER DETERGENT/DISINFECTANT  
Product Type RXSOL-41-8722-025

### Company Details:

RX MARINE INTERNATIONAL  
105, A wing , BSEL , TECH PARK.  
VASHI ,NEW BOMBAY 400703 INDIA

Stock Point : Mumbai, Gandhidham, Chennai, Kolkata, Visakhapatnam, Fujairah, Muscat

Phone +91 22 65113333/ 5555 / 9999 / 27611360 / 27815540  
Fax +91 22 2781 1318/9322594669  
Email [mail@rxmarine.com](mailto:mail@rxmarine.com)

## 2. Composition / Information on ingredients

www.rxmarine.com

Ingredient	CAS #	Wt. %
Alkyl Dimethyl Benzyl Ammonium chloride (C12-18)	68391-01-5	1 4%
Alkyl dimethyl ethyl benzyl ammonium chloride (C12-14)	85409-23-0	1 4%
Ethanol 64-17-5	200oF (>105oC) - Pensky Martin Closed Cup	

Upper & Lower Flame Limits: Not determined

Extinguishing Media: Dry chemical, foam, carbon dioxide or water fog. Solid water streams may spread burning liquid.

Fire Fighting Equipment & Instructions: Firefighters should wear full protective clothing including self-contained breathing apparatus. Cool fire exposed containers with spray.

Hazardous Combustion Products: Irritating and toxic gases or fumes may be released during a fire.

Unusual Fire Explosion Hazards: Combustion products are toxic.

## 6. Accidental Release Measures

www.rxmarine.com

### Spill and Leak Procedures

Emergency Action: Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Keep out of low areas where vapors may accumulate.

Spill Cleanup: Ventilate closed spaces before entering. All equipment used when handling the product must be grounded. Floor will be slippery. Do not touch or walk through spilled material. Stop leak if you can do it without risk. A vapor suppressing foam may be used to reduce vapors. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean non-sparking tools to collect absorbed material.

Large Spills: Dike far ahead of liquid spill for later disposal. Water spray may reduce vapor but will increase foaming. Water may not prevent ignition in closed spaces.

## 7. Handling and Storage

www.rxmarine.com

Handling Procedures: Avoid contact with skin and eyes. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water.

Storage Procedures: Keep the container tightly closed and in a cool, well-ventilated place. Keep from freezing. Do not handle or store near an open flame, heat or other sources of ignition. Prevent electrostatic charge buildup by using common bonding and grounding techniques.

## 8. Exposure controls and personal protection

www.rxmarine.com

Engineering Controls: Provide adequate local exhaust ventilation (explosion proof) to maintain worker exposure below exposure limits.

#### Personal Protective Equipment:

Eyes/Face:Wear chemical goggles. Use a face shield if splashing is possible.

Skin:Use impervious gloves (rubber or neoprene). Wear suitable protective clothing.

Respiratory:If exposure limits are exceeded or if irritation is experienced, a NIOSH/MSHA approved respiratory with an organic-vapor removing cartridge with a prefilter approved for pesticides should be worn. Ventilation and other forms of engineering controls are often the preferred means for controlling chemical exposures. Respiratory protection may be needed for non-routine or emergency situations.

General:Eye wash fountain and emergency showers are recommended.

The following ingredients have established exposure guidelines:

Ingredient	Exposure Guideline	Guideline Value
------------	--------------------	-----------------

No ingredients listed in this section

All TWAs are for an 8-hour period and all STELs are for 15 minutes unless specifically noted as being for another time period.

## 9. Physical and chemical properties

[www.rxmarine.com](http://www.rxmarine.com)

Flash Point: >	200oF (>100oC) ☞ Pensky Martin Closed Cup
Specific Gravity:	1.039 (8.66 lbs/gal)
Percent Volatiles:	Not determined.
Vapor Pressure:	Not determined.
VOC Content:	Not determined.
Viscosity:	Not determined.
Evaporation Rate:	Not determined.
Pour Point:	Not determined.
pH :	11.5+ 0.3
Appearance and Odor:	Clear, colorless to straw colored liquid with benzaldehyde (organic) odor.

## 10. Stability and reactivity

[www.rxmarine.com](http://www.rxmarine.com)

Chemical Stability:Material is stable.

Conditions to Avoid:Keep away from heat and strong oxidizing agents.

Incompatibilities:Strong oxidizing agents (may result in fire), reducing agents.

Hazardous Decomposition:Carbon monoxide, carbon dioxide and toxic chloride vapors.

Hazardous Polymerization:Will not occur.

## 11. Toxicological information

[www.rxmarine.com](http://www.rxmarine.com)

Carcinogenicity	No Carcinogenicity data available for this product.
-----------------	---

Acute Oral LD50	>1890 mg/kg male and female rats.
-----------------	-----------------------------------

Acute Dermal LD50	> 2000 mg/kg male and female rabbits.
-------------------	---------------------------------------

Primary Skin	Corrosive
--------------	-----------

Primary Eye	Corrosive
-------------	-----------

Chemicals Ingredients Listed as Potential or Known Carcinogens

Ingredient	OSHA	NTP	IARC
------------	------	-----	------

No ingredients listed in this section.

## 12. Ecological information

www.rxmarine.com

Ecotoxicity: Very Toxic to aquatic organisms

Information available upon request. Please contact Mason Chemical Company Technical Service Department.

Environmental Fate

This product is biodegradable

## 13. Disposal considerations

www.rxmarine.com

Disposal Instructions

Although not a hazardous waste, the discarding or disposal of this material should be done at a properly permitted facility in accordance with the regulations of 40 CFR 262, 263, 264, and 268. Additionally, the discarding or disposal of this material may be further regulated by state, regional, or local regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. The transportation, storage, treatment and disposal of this waste material must be conducted in compliance with all applicable Federal, state, and local regulations.

## 14. Transport information

www.rxmarine.com

DOT Hazard Class Not regulated

DOT Proper Shipping Name Not applicable

## 15. Regulatory information

www.rxmarine.com

While all ingredients are listed on the RX MARINE INTERNATIONAL Chemical Inventory, this product is regulated as a pesticide under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) and not subject to the RX MARINE INTERNATIONAL Inventory rules for FIFRA uses.

Other Chemical Inventories

All components of this product are listed on the following inventories: Australia, Canada (DSL), European Union, China, and Philippines. One or more ingredients not found on inventories of Japan and Korea.

CERCL/SARA

SARA Title III, Sections 311/312 ☐ This act requires reporting under the Community Right-to-Know provisions due to the inclusion of the following components of this material in one or more of the five hazard categories listed in the 40 CFR 370:

Classification of this product: Immediate, Fire

SARA Title 313 ☐ This act requires submission of annual reports of releases of the following components of this material if the threshold reporting quantities, as listed in 40 CFR 372, are met or exceeded:

Chemical Name	CAS No.	Maximum Concentration	Comment
---------------	---------	-----------------------	---------

No ingredients listed in this section.

Reportable Quantities/Threshold Planning Quantities: CERCLA requires notification of the National Response Center (Telephone 1-800-424-8802) in the event of a release of quantities of the following hazardous materials contained in this product, if the release is equal to or greater than the Reportable Quantities (RQs). SARA 302/304 requires emergency planning, including agency notification, for possible release of the following components of this material, based upon the Threshold Planning Quantities (TPQs) and/or release of Reportable Quantities.

Chemical Name	Reportable Quantity (RQ)	Threshold Planning Quantity (TPQ)
---------------	--------------------------	-----------------------------------

No ingredients listed in this section.

## State & Provincial Right to Know & Selected Regulatory Lists

The following ingredients appear on various state right to know lists and/or California's Proposition 65 List

Chemical Name                      State List

Benzyl Chloride (trace Ethanol)

AZ   California Ambient Air Quality Guidelines

CT   Connecticut Hazardous Air Pollutants

CA   California Director's List of Hazardous Substances

CAP65C   California Prop 65 Carcinogen

FL   Florida Substances List

ID   Idaho Non-carcinogen Toxic Air Pollutants

IL   Illinois Toxic Air Contaminant - Carcinogenic

MA   Massachusetts Right to Know List

MN   Minnesota Hazardous Substances List

NJ   New Jersey Right to Know List

PA   Pennsylvania Right to Know List

RI   Rhode Island Hazardous Substances List

WHMIS Classification: B3, E. This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

## 16. Other information

[www.rxmarine.com](http://www.rxmarine.com)

	HMIS (II)	NFPA
Health	3	3
Flammability	0	0
Reactivity	0	0

### PPE B

Disclaimer: Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, of the manufacturer or others. The information contained herein is based on the manufacturer's own study and the works of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be held liable (regardless of fault) to the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information. The seller makes no warranty expressed or implied concerning the accuracy or any results to be obtained from the use of any information and no warranty expressed or implied concerning the use of the products. The buyer assumes all risks of the use and/or handling.

**DISCLAIMER OF LIABILITY :**The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.