

## 1. Product and Company Identification

www.rxmarine.com

Product Name Dishwasher Cleaner  
Part Number RXSOL-15-2688-005

Company Details:....

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

Branch : Kandla, Mumbai , Chennai, Vizag, Kolkata, UAE , OMAN , CANADA and KENYA

Phone +91 22 20871200 - 1400  
Fax +91 22 27612100 ::AOH :0091 9821214367  
Email [mail@rxmarine.com](mailto:mail@rxmarine.com)  
Website [www.rxmarine.com](http://www.rxmarine.com)

## 2. Composition / Information on ingredients

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COMPONENT	CAS	CONCENTRATION %
Citric acid	77-92-9	30 % 40
Sodium bisulfate	7681-38-1	30 % 40
Sodium carbonate	497-19-8	7 % 15
Sodium gluconate	527-07-1	1 % 5
Polyethylene glycol	25322-68-3	1 % 5
Sodium polyacrylate co-polymer	68479-09-4	1 % 5
Sodium benzoate	532-32-1	1 % 5
Sodium acetate	127-09-3	0.01 % 1.0

## 3. Hazards Identification

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Physical Hazard Classification None  
Health Hazard Classification Acute toxicity: Not classified  
Skin Irritation: Category 2  
Eye Irritation: Category 2  
Labeling Exclamation Mark  
Symbol Warning  
Signal word Causes skin irritation. Causes eye irritation  
Hazard Statement Avoid touching tablet directly. Do not get on skin or in eyes. Wash hands thoroughly after handling.  
Precautionary Statement

## 4. First Aid Measures

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Routes of entry include Eye, skin, ingestion and inhalation.  
Eye contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If, eye irritation persists: Get medical attention.

Skin contact	Wash with water for 15 minutes. If irritation occurs get medical attention. Take off contaminated clothing and wash it before reuse
Ingestion	Drink large amounts of water. Do not induce vomiting. If patient feels unwell seek medical attention.
Inhalation	Remove to fresh air. If breathing is difficult, get medical attention.
Delayed Effects	None known.

## 5. Fire-fighting Measures

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Extinguishing media	Water spray, all-purpose dry chemical, CO2
Hazardous Components of Combustion	Thermal decomposition may produce carbon monoxide, carbon dioxide, and oxides of sulfur.
Special Fire Fighting Procedures	<p><b>Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard.</b></p> <p><b>In a fire or if heated, a pressure increase will occur and the container may burst, with the</b></p> <p><b>risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along</b></p> <p><b>the ground. Vapors may accumulate in low or confined areas or travel a considerable</b></p> <p><b>distance to a source of ignition and flash back.</b></p> <p><b>Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard.</b></p> <p><b>In a fire or if heated, a pressure increase will occur and the container may burst, with the</b></p> <p><b>risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along</b></p> <p><b>the ground. Vapors may accumulate in low or confined areas or travel a considerable</b></p> <p><b>distance to a source of ignition and flash back.</b></p> <p><b>Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard.</b></p> <p><b>In a fire or if heated, a pressure increase will occur and the container may burst, with the</b></p> <p><b>risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along</b></p> <p><b>the ground. Vapors may accumulate in low or confined areas or travel a considerable</b></p> <p><b>distance to a source of ignition and flash back.</b></p> <p>Self-Contained breathing apparatus and proper protective clothing should be worn when fighting chemical fires.</p>

## 6. Accidental Release Measures

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### Personal precautions

Depending on extent of release, consider the need for fire fighters/emergency responders with adequate personal protective equipment for cleaning up.

### Environmental precautions

### Methods and materials for containment and cleaning up

Do not eat, drink or smoke while cleaning up. Ensure to protect skin and eyes from accidental exposure during clean-up. Wear protective clothing, safety glasses and gloves. Use a dust mask if dust or fine particles are present. Ensure there is adequate ventilation. Avoid all sources of ignition, hot surfaces and open flames.

Prevent spills from entering storm sewers or drains and contact with soil

Eliminate all ignition sources. For large spills, shovel up and transfer to a closable disposal container (i.e. plastic lined fiber drum) and dispose of at an appropriate

waste disposal facility in accordance with current applicable laws and regulations. For small spills use a broom and sweep into an appropriate disposal container. All spill areas should be flushed with water and dried to ensure no residue is left behind.

## 7. Handling and Storage

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### Precautions for safe handling

Avoid contact with eyes. Avoid prolonged repeated skin contact and breathing dust. Wash hands thoroughly after handling

### Conditions for safe storage, including any incompatibilities

Store away from all ignition sources in a cool area equipped with an automatic sprinkling system. Ensure adequate ventilation. Store at controlled room temperature, 0 - 40 oC. Humidity of less than 40% is recommended to maintain product viability. Do not store near strong bases

## 8. Exposure controls and personal protection

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### Overview

As with any chemical compositions care should always be used when handling to reduce the chance of dust formation or spillage. Avoid dust formation. Avoid touching the tablet directly. Good personal hygiene practices should always be followed. Wash hands thoroughly after handling this product.

### Skin protection

If prolonged or repeated skin contact is likely, neoprene gloves should be worn. Good personal hygiene practices should always be followed. Wash hands thoroughly after handling this product.

## 9. Physical and chemical properties

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### Physical state

Solid

### Appearance

White tablet

### Odor

Light chemical and/or mild vinegar

### Specific Gravity

Not available

### Vapor Pressure

Not available

### Vapor Density

Not available

### Evaporation Rate

Not available

### Boiling Point

Not available

### Freezing/Melt point

Not available

### pH

2.1 - 3.9

Viscosity	Not applicable
Solubility	Soluble in water
LogKow	Not available

## 10. Stability and reactivity

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General Stability	This product is stable under normal conditions. Keep away from direct sunlight.
Incompatible Materials	Avoid contact with strong oxidizing materials.  Avoid contact with strong acids and strong bases.  Avoid contact with reactive metals (e.g. sodium, calcium, zinc etc.)
Hazardous Polymerization	No
Hazardous Decomposition	Thermal decomposition may produce carbon monoxide, carbon dioxide, and oxides of sulfur.

## 11. Toxicological information

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Acute Toxicity Test	Results	Basis
Oral LD50 (rat) mg/kg	Not Classified	Based on Ingredients
Dermal LD50 (rabbit) mg/kg	Not Classified	Based on Ingredients
Inhalation LD50 mg/L (dust)	Not Classified	Based on Ingredients
Skin Irritation	Irritant ☒ Category 2	Based on Ingredients
Eye Irritation	Irritant ☒ Category 2	Based on Ingredients
Eye Contact		Avoid contact with the eyes. May cause eye irritation on direct contact
Skin Contact		May cause skin irritation on prolonged or repeated direct contact.
Ingestion		May cause slight intestinal irritation if large quantities are swallowed.
Inhalation		May cause respiratory tract irritation if large amounts of dust are inhaled.
Chronic Toxicity		None known. None of the ingredients are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

## 12. Ecological information

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This product does not contain chlorine bleach, phosphates, borates or EDTA.

## 13. Disposal considerations

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No components in this product are classified as a hazardous waste.

Dispose of in accordance with local, state, provincial and national regulations. Do not dump into any body of water or onto the ground.

## 14. Transport information

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D.O.T. Shipping Information	Not regulated as a hazardous material for transportation under 49 CFR
D.O.T. Hazard Class	Non-hazardous
UN Classification	Not regulated

## 15. Regulatory information

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This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic

Substance Control Act (TSCA). This material or all of its components are listed on the Canadian Domestic

Substances List (DSL).

SARA Title 302/304 Hazard Classification

None.

SARA Title 311/312 Hazard Classification

Not applicable.

SARA Title 313 extremely toxic substance

None.

CALIFORNIA Prop 65 None.

Canadian Classification system

WHMIS Classification: D2B

## 16. Other information

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Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Rx Marine International has been advised of the possibility of such damages.

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