

## 1. Product and Company Identification

www.rxmarine.com

Product Name Deep Clean Dishwasher Cleaner Powder  
Part Number RXSOL-15-2685-005

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.rxmraine.com](http://www.rxmraine.com)

## 2. Composition / Information on ingredients

www.rxmarine.com

Ingredient	CAS No	Content
MODIFIED SODIUM DISILICATE	1344-09-8	1-10%
SODIUM CARBONATE	497-19-8	30-60%
SODIUM METASILICATE ANHYDROUS	6834-92-0	30-60%
NON HAZARDOUS INGREDIENTS	Not Available	Remainder

## 3. Hazards Identification

www.rxmarine.com

Signal Word	Danger
Hazard Classifications	Skin Corrosion/Irritation - Category 1C  Serious Eye Damage/Irritation - Category 1  Specific Target Organ Toxicity (Single Exposure) - Category 3 Respiratory Tract Irritation  Acute Hazard to the Aquatic Environment - Category 3  Chronic Hazard to the Aquatic Environment - Category 3 H314 Causes severe skin burns and eye damage.  H335 May cause respiratory irritation.
Hazard Statements	H412 Harmful to aquatic life with long lasting effects.
Prevention Precautionary Statements	P102 Keep out of reach of children.  P103 Read label before use.  P260 Do not breathe dust, fume, gas, mist, vapours or spray.  P261 Avoid breathing dust, fume, gas, mist, vapours or spray..  P264 Wash hands, face and all exposed skin thoroughly after handling.  P271 Use only outdoors or in a well-ventilated area.

Response Precautionary Statements	<p>P273 Avoid release to the environment.</p> <p>P280 Wear protective clothing, gloves, eye/face protection and suitable respirator</p> <p>P101 If medical advice is needed, have product container or label at hand.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of soap and water.</p> <p>P362 Take off contaminated clothing and wash before reuse.</p> <p>P332+P313 If skin irritation occurs: Get medical advice/attention.</p> <p>P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</p> <p>P310 Immediately call a POISON CENTRE or doctor/physician.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P312 Call a POISON CENTRE or doctor/physician if you feel unwell.</p>
Storage Precautionary Statements	<p>P101 If medical advice is needed, have product container or label at hand.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p>
Disposal Precautionary Statement	<p>P405 Store locked up.</p> <p>P501 Dispose of contents/container in accordance with local, regional, national and international regulations.</p>

## 4. First Aid Measures

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

Inhalation	Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.
Eye contact	Immediately irrigate with copious quantities of water for 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital or medical centre.
Skin contact	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance. For gross contamination, immediately drench with water and remove clothing. Continue to flush skin and hair with plenty of water (and soap if material is insoluble). For skin burns, cover with a clean, dry dressing until medical help is available. If blistering occurs, do NOT break blisters.
Ingestion	Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.
Notes to physician	Treat symptomatically. Can cause corneal burns.

## 5. Fire-fighting Measures

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

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	<b>Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard.</b>

**In a fire or if heated, a pressure increase will occur and the container may burst, with the**

**risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along**

**the ground. Vapors may accumulate in low or confined areas or travel a considerable**

**distance to a source of ignition and flash back.**

**Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard.**

**In a fire or if heated, a pressure increase will occur and the container may burst, with the**

**risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along**

**the ground. Vapors may accumulate in low or confined areas or travel a considerable**

**distance to a source of ignition and flash back.**

**Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard.**

**In a fire or if heated, a pressure increase will occur and the container may burst, with the**

**risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along**

**the ground. Vapors may accumulate in low or confined areas or travel a considerable**

**distance to a source of ignition and flash back.**

Self-Contained breathing apparatus and proper protective clothing should be worn when fighting chemical fires.

## **6. Accidental Release Measures**

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

### **SMALL SPILLS**

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

### **LARGE SPILLS**

Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of dust. Work up wind or increase ventilation. Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

## **7. Handling and Storage**

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

Handling	Avoid eye contact and skin contact. Avoid inhalation of dust.
Storage	<p>Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store</p> <p>away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition.</p> <p>Store locked up. Keep container standing upright. Keep containers closed when not in use - check regularly for</p> <p>spills.</p> <p>This material is classified as a Class 8 Corrosive as per the criteria of the Australian Code for the Transport of</p> <p>Dangerous Goods by Road &amp; Rail and/or the New Zealand NZS5433: Transport of Dangerous Goods on Land</p> <p>and must be stored in accordance with the relevant regulations.</p> <p>This material is a Scheduled Poison Schedule 5 (Caution) and must be stored, maintained and used in</p> <p>accordance with the relevant regulations.</p>

## 8. Exposure controls and personal protection

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

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

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

Physical state	Crystalline Powder
Color	Pink
Odor	Mild
Solubility	Miscible with water
Specific Gravity (20 °C)	Approx. 1.0
Relative Vapour Density (air=1)	>1
Vapour Pressure (20 °C)	N Av
Flash Point (°C)	N App
Flammability Limits (%)	N App
Autoignition Temperature (°C)	N App
Melting Point/Range (°C)	N Av
Boiling Point/Range (°C)	N Av
Decomposition Point (°C)	N Av
pH	11.8 - 12.0 (1% Solution)
Viscosity	N Av
Total VOC (g/Litre)	N Av

## 10. Stability and reactivity

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

Chemical stability	This material is thermally stable when stored and used as directed.
Conditions to avoid	Elevated temperatures and sources of ignition.
Incompatible materials	Oxidising agents and acids.
Hazardous decomposition products	Oxides of carbon and nitrogen, smoke and other toxic fumes.
Hazardous reactions	No known hazardous reactions.

## 11. Toxicological information

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

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

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

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

## 13. Disposal considerations

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

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

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

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

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

HSNO Group Standard	HSR002526 - Cleaning Products (Corrosive) Group Standard 2006
This material is not subject to the following international agreements	Montreal Protocol (Ozone depleting substances)
	The Stockholm Convention (Persistent Organic Pollutants)
	The Rotterdam Convention (Prior Informed Consent)
	Basel Convention (Hazardous Waste)

---

International Convention for the Prevention of Pollution from Ships (MARPOL)

This material/constituent(s) is covered by the following requirements

The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) established under the

Therapeutic Goods Act (Commonwealth).

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

## 16. Other information

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

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.

**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.