

1. Product and Company Identification

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Product Name : Ultrasonic Cleaner Alkaline
Part Number : RXSOL-12-3006-025

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
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Branch : Kandla, Surat, Mumbai, Chennai, Vizag, Kolkata, UAE, Muscat OMAN, Kenya and CANADA.

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2. Composition / Information on ingredients

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Name of Substance	Cas Number	EC Number	Wt. %
Sodium gluconate	527-07-1	208-407-7	5 -10 %
Sodium Hydroxide	1310-73-2	215-185-5	5-10 %
Cocobetainamido Amphopropionate	100085-64-1	309-206-8	5 -10 %
2-(2-butoxyethoxy)ethanol	112-34-5	203-961-6	5 - 10 %
Phosphoric acid ester, sodium-salt	111798-26-6	---	2 -5 %
N,N-bis(carboxylatomethyl)-L-glutamate, Sodium salt	51981-21-6	257-573-7	1 - 2%

3. Hazards Identification

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Signal Word : None

Hazard Statements : Causes severe skin burns and eye damage.

Precautionary statements - prevention : Keep only in original container. Wash skin thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection..

Precautionary statements - response : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

Storage: Store locked up. Store in corrosive resistant stainless steel container with a resistant inner liner.

Disposal: Dispose of contents/ container to an approved waste disposal plant.

4. First Aid Measures

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Eye Contact : Rinse immediately with plenty of water, also under the eyelids, if present and easy to do. Continue rinsing. Get medical attention.

Skin Contact : Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing before reuse. Thoroughly clean shoes before reuse.

Inhalation: : If inhaled, If inhaled, remove to fresh air. If not breathing, give oxygen. If difficult, give oxygen. Call a physician.

Ingestion: : If swallowed, do not induce vomiting. Allow victim to drink water. Never give anything by mouth to an unconscious person.

5. Fire-fighting Measures

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Suitable extinguishing media

Use extinguishing measures that are appropriate to the environment.

Protective Equipment

Use personal protective equipment.

Hazardous combustion products

Decomposition products may include the following materials: Nitrous gases (NO_x), Sulphur oxides, Ammonia (NH₃), and

Advice for firefighters

Wear self-contained breathing apparatus. Wear full protective

Specific extinguishing methods

Fire residues and contaminated fire extinguishing water. Follow local regulations. In the event of fire and/or explosion do

6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Keep people away from ingestion and contact with skin and eyes. Wear suitable protective equipment.

Environmental Precaution

Do not allow contact with soil, surface or groundwater. Inform relevant authorities immediately.

Methods and materials for containment and cleaning up

Stop leak if safe to do so. Contain spillage, and then clean up (e.g. sand, earth, diatomaceous earth, vermiculite) and dispose / national regulations (see section 13). Flush away with water. Material or otherwise contain material to ensure runoff

7. Handling and Storage

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Advice on safe handling

Do not ingest. Do not get in eyes, on skin, or on clothing. Do not spray. Use only with adequate ventilation. Wash hands

Storage

Do not store near acids. Keep out of reach of children. Storage temperature : 10 °C to 50 °C

Advice on general occupational hygiene

Wash hands after use. Do not to eat, drink and smoke while wearing protective equipment before entering eating areas.

8. Exposure controls and personal protection

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Engineering Control

Effective exhaust ventilation system. Maintain air circulation

Personal Protection

Eye protection : Wear eye protection/ face protection
Hand protection : Wear the following personal protective equipment should be discarded and replaced if there is a significant breakthrough. **Skin protection :** Personal protective safety goggles and protective clothing **Respiratory protection :** If above the exposure limit they must use appropriate

Exposure Limits:

Ingredients	CAS No
Sulphur Dioxide	7446-09-5
Ethane-1-2-Diol	107-21-1
Oropan-2-ol	67-63-0

Hygiene measures

Handle in accordance with good industrial hygiene practices. Wash clothing before re-use. Wash face, hands and arms in suitable facilities for quick drenching or flushing



Gloves Suit

9. Physical and chemical properties

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Form	Granular
Colour	White to Yellowish
Odour	Acrid, slight odour of Sulphur dioxide
Boiling point and boiling range	No Data Available
Flash Point	>100°C
Freezing Point	No Data Available
pH	Alkaline
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper explosion limit	No data available
Lower explosion limit	No data available
Explosive properties	No data available
Vapor pressure	No data available
Relative vapor density	No data available
Water solubility	Soluble
Solubility in other solvents	No data available
Partition coefficient: octanol	No data available
Autoignition temperature	No data available
Thermal decomposition	No data available
Viscosity, kinematic	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Molecular weight	No data available
VOC	No data available

10. Stability and reactivity

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Reactivity	None
Stability	Stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Incompatible materials	Avoid to contact with strong acids Avoid to contact with oxidizing agents. Store away from aldehydes.
Hazardous Decomposition	Decomposition products may include the following materials: Sulphurous oxides (SO _x) Nitrous oxides (NO _x) Ammonia Amines
Condition to Avoid	None Known

11. Toxicological information

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Route of Exposure	Inhalation, Eye contact, Skin contact
Eyes	Causes serious eye damage.
Skin	Causes severe skin burns.
Ingestion	Causes digestive tract burns
Inhalation	Inhalation of vapours leads to irritation of respiratory tract and mucous membranes, headache, nausea, dizziness Sensitisation possible through inhalation
Chronic Exposure	Health injuries are not known or expected under normal use.
Acute oral toxicity	LD50 200-2,000mg/kg
Acute inhalation toxicity	No data available
Acute dermal toxicity	No data available
Classification	The classification was made by the conventional (calculation) method of Dangerous Preparations Directive(1999/45/EC)

12. Ecological information

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Environmental Effects	No data available
Toxicity to fish	No data available
Toxicity to daphnia and others	No data available
Toxicity to algae	No data available
Biodegradability	> 60% (28 d)
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available

13. Disposal considerations

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Remarks	Please consider the relevant national or regional provisions that can be handled separately by the local or national authorities.
Waste Disposal	The product should not be allowed to enter drains, sewers or water courses. Recycling is preferred to disposal or incineration. If recycling is not possible, dispose in accordance with local regulations. Dispose of wastes in an approved waste disposal facility.

14. Transport information

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Hazard Pictograms:

UN Number	UN3265
Proper shipping name	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (2)
Transport hazard class(es)	8
ADR/RID	8
Subsidiary risk IMDG	8
Subsidiary risk IATA	8
Packing group	
Packing group	III
Environmental hazards	
Environmental hazards	No
Marine pollutant	No

ADR/RID	
Hazard ID	80
Tunnel Category	(E)
IMDG	
EmS Code	F-A S-B
IATA	
Packing Instruction (Cargo)	856
Maximum quantity	60 L
Packing Instruction (Passenger)	852
Maximum quantity	5 L

15. Regulatory information

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Regulations

In accordance with REACH Regulation (EC) No 1907/2006 of the European Parliament and of the Council, as amended by Commission Regulation (EU) 2015/830, COMMISSION REGULATION (EU) No 431/2009 of the European Parliament and of the Council, and the Restriction of Chemicals (REACH), established by Regulation (EC) No 1999/45/EC and repealing Council Regulation (EEC) No 1488/94 as well as Council Directive 76/769/EEC, Council Directive 93/105/EC and 2000/21/EC.

Chemical safety assessment

No data available.

Further information

FOR INDUSTRIAL USE.

Water Hazard Class.: WGK 1.

PR Number - 1821143. Product Declaration No.

16. Other information

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Other Information

The information above is believed to be accurate and complete as available to us. However, we make no warranty of accuracy, express or implied, with respect to such information, and we do not intend to. You should make their own investigations to determine the suitability for particular purposes. In no event shall we be liable for any damages, including for lost profits or any special, indirect, incidental, or consequential damages arising, even if **Rx Marine International** has been advised of the possibility of such damages.

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