

1. Product and Company Identification

www.rxmarine.com

Product Name Porcelain Best Tiles Cleaner (Brute Thick)
Product Type **RXSOL-17-1063-025**

Company Details:

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

Phone +91 22 65113333/ 5555 / 9999 / 27611360 / 27815540
Fax +91 22 2781 1318 :::AOH :0091 9322594669
Email mail@rxmarine.com ; [123@rxmarine.com/](mailto:123@rxmarine.com)

2. Composition / Information on ingredients

www.rxmarine.com

Ingredient / Chemical Name	CAS Number	Percentage
Phosphoric Acid	7664-38-2	20-25
Alcohol Ethoxylate	68131-39-5	1-5
Diethylene glycol monoethyl ether	111-90-0	5-10

3. Hazards Identification

www.rxmarine.com

Corrosive liquid. Causes burns. Harmful if swallowed

4. First Aid Measures

www.rxmarine.com

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: Induce vomiting only on the direct advice of a poison control centre. Drink 1-2 glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

Eye contact: Flush with plenty of water for at least 15 minutes. Get medical attention. Skin contact: Remove contaminated clothing and flush with plenty of water.

5. Fire-fighting Measures

www.rxmarine.com

Flash point (test method)	Not applicable
Flammable limits (%)	Non-flammable
Lower	Not applicable
Upper	Not applicable
Fire extinguishing substances	Use extinguishing media appropriate for surrounding fire.
Autoignition temperatures	Not applicable
Hazardous combustion products:	May liberate carbon monoxide, carbon dioxide and oxides of sodium.
Explosion data:	
Sensitivity to mechanical impact	Not applicable
Sensitivity to static discharge	Not applicable
Special firefighting procedures	As for surrounding fire. Fire fighters should wear full protective clothing and contained breathing equipment

6. Accidental Release Measures

www.rxmarine.com

Personal precautions:

Wear appropriate protective equipment.

Environmental precautions:

Prevent from entering sewers, waterways or low areas.

Methods for cleaning up:

Isolate hazard area and restrict access.

Small spills: soak up with inert absorbent material and dispose.

Large spills: prevent contamination of waterways. Absorb residual with absorbent material, place in appropriate container.

7. Handling and Storage

www.rxmarine.com

Handling: Do not ingest. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Storage: Keep out of reach of children. Keep container tightly closed. Store in a cool, dry area.

8. Exposure controls and personal protection

www.rxmarine.com

Engineering controls: Provide exhaust ventilation to keep airborne levels below recommended exposure limits.

Respiratory protection: If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator.

Eye protection: Chemical goggles. Wear a face shield if splashing hazards exists.

Other protection: Wear protective clothing as necessary to prevent skin contact.

Exposure limits:

INGREDIENT	ACGIH	OSHA	Other
Phosphoric Acid	Not available		
Diethylene glycol monoethyl ether	Not available		
Ethoxylate	Not available		

9. Physical and chemical properties

www.rxmarine.com

Physical state	:	Liquid, Soluble in water
Appearance & odour	:	Red liquid with fruity odour
pH	:	1-2
Sp. Gravity	:	1.101
Boiling point	:	Not available
Vapour pressure	:	Not available
Vapour density	:	Not available
Evaporation rate	:	Not available
Freezing point	:	Not available
Odour threshold	:	Not available

10. Stability and reactivity

www.rxmarine.com

Stability	:	Stable
Conditions of instability	:	Not available
Incompatibility	:	() Water (X) Oxidizers () Acid (X) Base ()

Conditions of reactivity	:	Other
Hazardous decomposition products	:	Reacts with metals
		Not available

11. Toxicological information

www.rxmarine.com

POTENTIAL ACUTE HEALTH EFFECTS

Inhalation	Corrosive to respiratory system.
Ingestion	Harmful if swallowed. Causes burns to mouth, throat and stomach.
Eye contact	Corrosive to eyes. Causes severe burns.
Skin contact	Corrosive to skin. Causes severe burns.
Skin absorption	Not applicable

POTENTIAL CHRONIC HEALTH EFFECTS:

Inhalation	Repeat or prolonged exposure may cause damage to lungs.
Ingestion	Not available
Eye contact	Not available
Skin contact	Not applicable
Skin absorption	Not applicable
Irritancy of product	See WHMIS criteria
Sensitization of product	Not available

Mutagenicity: No known significant effects.

Synergistic product: Not available

Ingrident / Chemical Name	CAS Number	Toxicity
Phosphoric Acid	7664-38-2	LD50 Oral (rabbit) 3730 mg/kg
Alcohol Ethoxylate	68131-39-5	LD50 Dermal(rabbit) 7940 mg/kg
Diethylene glycol monoethyl ether	111-90-0	LD50 Oral (rat) >5040 mg/kg

12. Ecological information

www.rxmarine.com

Ecotoxicological information: Not available

Other information: Not available

13. Disposal considerations

www.rxmarine.com

Waste disposal: Disposal of all waste must be done according to local, provincial and federal regulations.

14. Transport information

www.rxmarine.com

Proper shipping name (international) Phosphoric acid, liquid

ROAD TRANSPORT (ADR):

UN no. road 1805
 ADR class Class 8: Corrosive substances.
 ADR packing group III
 Hazard no. (ADR) 80

RAIL TRANSPORT (RID):

RID class no. 8

RID packing group III

SEA TRANSPORT (IMDG):

UN no. sea 1805

IMDG class 8

IMDG packing group III

EmS no. F-A, S-B

AIR TRANSPORT (IATA/ICAO):

UN no., air 1805

IATA/ICAO class 8

IATA/ICAO packing group III

15. Regulatory information

www.rxmarine.com

WHMIS: E Corrosive material

Containe : phosphoric acid ... %, orthophosphoric acid ... %

Safety Phares :

R-34 Causes burns.

S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S-45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

16. Other information

www.rxmarine.com

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 Rx Marine International 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.