Material Safety Data Sheet

Porcelain Bowl Tiles Cleaner Brute Thick (RXSOL-17-1063-025)

1. Product and Company Identifaction

Product Name	**Porcelain Bowl 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
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Email	**mail@rxmarine.com ; 123@rxmarine.com/**

2. Composition / informationon ingredients

Ingrident / 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

Corrosive liquid. Causes burns. Harmful if swallowed

4. First Aid Measures

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

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 self contained breathing equipment
Unusual Fire and Exp.	Not Applicable

6. Accidental Release Measures

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 scoop into containers. **Large spills:** prevent contamination of waterways. Dike and pump into suitable containers. Clean up residual with absorbent material, place in appropriate container and flush with water.

7. Handling and Storage

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

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 Ethoxylate	Not available		

9. Physical and chemical properties

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

Stability	:	Stable
Conditions of instability	:	Not available
Incompatibility	:	( ) Water (X) Oxidizers ( ) Acid (X) Base ( ) Other
Conditions of reactivity	:	Reacts with metals
Hazardous decomposition products	:	Not available

11. Toxicological information

OTENTIAL 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

Ecotoxicological information: Not available

Other information: Not available

13. Disposal considerations

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

14. Transport information

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

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

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