Material Safety Data Sheet

Toilet Cleaner Descaler (RXSOL-15-1052-005)

1. Product and Company Identifaction

Product Name	RXSOL-15-1052-005
Product Type	Toilet Cleaner Descaler

Company Details:

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

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2. Composition / informationon ingredients

Chemical Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
Citric acid	>15	77-92-9	201-069-1	36	Xi
Sulphamic acid	>15	5329-14-6	226-218-8	36/38, 52/53	-
Sodium Carbonate	5-15	497-19-8	207-838-8	36	Xi
Viable bacterial cultures	10	N/A	N/A	-	-
Not classified as hazardous	- 60-70	-	-	-	-

3. Hazards Identification

- Odour: Pine
- Appearance: Liquid, Green, dispersible in water
- Contact with eyes: Causes irritation
- Contact with skin: May cause irritation
- Inhalation: Mildly irritating to respiratory system, May cause breathing difficulty
- Ingestion: May cause irritation

4. First Aid Measures

Contact with skin

- Wash affected area with plenty of soap and water
- Seek medical attention if irritation persists

Contact with eyes

- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- Irrigate eyes thoroughly whilst lifting eyelids
- Seek medical attention if irritation persists

Ingestion

- Do not induce vomiting
- Never give anything by mouth to an unconscious person
- Give 200-300mls (half pint) water to drink
- Obtain immediate medical attention

Inhalation

- Inhalation is unlikely to occur
- Remove patient to fresh air
- Seek medical advice if necessary

General

- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)

5. Fire-fighting Measures

- Smoke from fires is corrosive
- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
- Do not use water fog
- Substance evolves toxic fumes, wear self-contained breathing apparatus

6. Accidental Release Measures

Personal Precautions

- Wear protective clothing as per section 8

Environmental Precautions

- No special precautions are required for this product

Clean Up Actions

- Sweep or shovel-up spillage and remove to a safe place
- Flush spill area with copious amounts of water

Special Precautions

- Avoid release to the environment. Refer to special instructions/Safety data sheets (S61)
- Wear protective clothing as per section 8

7. Handling and Storage

Handling

- Wear protective clothing as per section 8
- Avoid contact with skin and eyes (S24/25)

Storage

- Keep in a cool, dry, well ventilated place

8. Exposure controls and personal protection

Exposure Limits

- No exposure limits have been set for this substance

Exposure controls

- No special precautions are required for this product

Occupational exposure controls

- Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended)

- Respiratory protection may be required under exceptional circumstances when excessive air contamination exists

9. Physical and chemical properties

- Odour: Pine
- Appearance: Liquid, Greenish
- pH ~1.5 at 1 % concentration
- Boiling point - not applicable
- Vapour pressure - not applicable
- Vapour density - not applicable
- Water solubility ~Complete
- Density - 1.10

10. Stability and reactivity

- This article is considered stable under normal conditions
- Avoid overheating
- Incompatible with strong oxidizing substances, Incompatible with acids and alkalis

11. Toxicological information

Toxicological information

- No experimental data available

Inhalation

- Inhalation is unlikely to occur
- May cause breathing difficulty

Contact with skin

- In cases of severe exposure, redness and irritation may develop

Contact with eyes

- May cause pain

Ingestion

- No effects for small dosage. Large dose effects not known
- May cause gastro-intestinal disturbances

Carcinogenicity

- No evidence of carcinogenic effects

12. Ecological information

Ecotoxicity

- This product contains components which are classified in the EU as dangerous for the environment.

Mobility

- Completely soluble in water

Persistence and Biodegradability

- Its main ingredients will either dissolve rapidly and dissociate in water or are readily/inherently biodegradable.
- If this substance is discharged at low concentrations into an adapted biological effluent treatment plant,the degrading action of the activated sludge will not be affected

Bioaccumulation Potential

- Bioaccumulation of the components in this product is insignificant.

Other Adverse Effects

- No environmental problems are expected when the product is used / handled correctly.
- In its intended use, the product will not be released into the environment.

13. Disposal considerations

Classification

- EU Waste class: 06.01

Disposal considerations

- Disposal should be in accordance with local, state or national legislation.

14. Transport information

- Not classified as hazardous for transport

15. Regulatory information

Risk Phrases

- Irritating to eyes and skin (R36/38)

Safety Phrases

- Avoid contact with skin (S24)Revision: 31/12/2008
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26)
- Wear suitable gloves (S37).

16. Other information

Text of R and S phrase codes used in this safety data sheet:- R36: Irritating to eyes; R36/38: Irritating to eyes and skin; R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer