Material Safety Data Sheet

Vaccum Cleaner (RXSOL-16-1025-005)

1. Product and Company Identifaction

Product Name	RXSOL-16-1025-005
Product Type	Vacum Toilet Cleaner

Company Details:

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

Phone	+91 22 65113333 / 5555 / 9999
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
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2. Composition / informationon ingredients

This product is not classified as dangerous in accordance with Directives 1967/548/EEC or 1999/45/EC.

3. Hazards Identification

HAZARD CLASSIFICATION :
This product is not classified as dangerous in accordance with Directives 1967/548/EEC or 1999/45/EC.

HUMAN HEALTH HAZARDS - ACUTE :

INHALATION :
Not a likely route of exposure. Aerosols or product mist may irritate the upper respiratory tract.

SKIN CONTACT :
May cause irritation with prolonged contact.

EYE CONTACT :
May cause irritation with prolonged contact.

INGESTION :
Not a likely route of exposure. There may be irritation to the gastro-intestinal tract with nausea and vomiting.

HUMAN HEALTH HAZARDS - CHRONIC :
No adverse effects expected other than those mentioned above.

4. First Aid Measures

INHALATION :	Remove to fresh air, treat symptomatically. If symptoms develop, seek medical advice.
SKIN CONTACT :	Remove contaminated clothing. Wash off affected area immediately with soap and plenty of water. If symptoms develop, seek medical advice.
EYE CONTACT :	Get medical attention. Immediately flush eye with water for at least 15 minutes while holding eyelids open.
INGESTION :	Get medical attention. Do not induce vomiting without medical advice. If conscious, washout mouth and give water to drink.
NOTE TO PHYSICIAN :	Based on the individual reactions of the patient, the physician's judgement should be used to control symptoms and clinical condition.

5. Fire-fighting Measures

FLASH POINT :	Not applicable
EXTINGUISHING MEDIA :	This product would not be expected to burn unless all the water is boiled away. The remaining organics may be ignitable. Use extinguishing media appropriate for surrounding fire.
FIRE AND EXPLOSION HAZARD :	May evolve oxides of carbon (COx) under fire conditions. May evolve toxic gases or fumes under fire conditions.
SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTING :	In case of fire, wear a full face positive-pressure self contained breathing apparatus and protective suit.

6. Accidental Release Measures

PERSONAL PRECAUTIONS :
Restrict access to area as appropriate until clean-up operations are complete. Use personal protective equipment recommended in Section 8 (Exposure Controls/Personal Protection). Stop or reduce any leaks if it is safe to do so. Ventilate spill area if possible.

METHODS FOR CLEANING UP :
SMALL SPILLS: Soak up spill with absorbent material. Place residues in a suitable, covered, properly labeled container. Wash affected area. LARGE SPILLS: Contain liquid using absorbent material, by digging trenches or by diking. Reclaim into recovery or salvage drums or tank truck for proper disposal. Clean contaminated surfaces with water or aqueous cleaning agents. Contact an approved waste hauler for disposal of contaminated recovered material. Dispose of material in compliance with regulations indicated in Section 13 (Disposal Considerations).

ENVIRONMENTAL PRECAUTIONS :
Prevent material from entering sewers or waterways. If drains, streams, soil or sewers become contaminated, notify local authority.

7. Handling and Storage

HANDLING :
Do not get in eyes, on skin, on clothing. Do not take internally. Use with adequate ventilation. Do not breathe vapors/gases/dust. Keep the containers closed when not in use. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Ensure all containers are labelled.

STORAGE CONDITIONS :
Product must be maintained at 50-90 degrees F. (10°C - 35°C) Store in suitable labelled containers. Store the containers tightly closed. Store separately from oxidizers.

SUITABLE CONSTRUCTION MATERIAL :
Compatibility with Plastic Materials can vary; we therefore recommend that compatibility is tested prior to use.

SPECIFIC USE(S) :
VACUUM TOILET CLEANER
For specific dosages and customized applications please contact your representative.

8. Exposure controls and personal protection

OCCUPATIONAL EXPOSURE LIMITS
This product does not contain any substance that has an established exposure limit.

ENGINEERING MEASURES :
General ventilation is recommended. The use of local exhaust ventilation is recommended to control emissions near the source. Laboratory samples should be handled in a fumehood. Provide mechanical ventilation of confined spaces.

PERSONAL PROTECTION

GENERAL ADVICE :
The use and choice of personal protection equipment is related to the hazard of the product, the workplace and the way the product is handled. In general, we recommend as a minimum precaution that safety glasses with side-shields and workclothes protecting arms, legs and body be used. In addition any person visiting an area where this product is handled should at least wear safety glasses with side-shields. The applicable European standard can be found in EN 166.

RESPIRATORY PROTECTION :
If significant mists, vapors or aerosols are generated an approved respirator is recommended. A suitable filter material depends on the amount and type of chemicals being handled. Consider the use of filter type: A-P The applicable European standard can be found in EN 141, EN 143 and EN 371. In event of emergency or planned entry into unknown concentrations a positive pressure, full-facepiece SCBA should be used. If

respiratory protection is required, institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection.

HAND PROTECTION :
When handling this product, the use of chemical gloves is recommended. The choice of work glove depends on work conditions and what chemicals are handled, but we have positive experience under light handling conditions using gloves made from PVC Gloves should be replaced immediately if signs of degradation are observed. Breakthrough time not determined as preparation, consult PPE manufacturers. The applicable European standard can be found in EN 374.

SKIN PROTECTION :
See general advice. The applicable European standard can be found in EN 345.

EYE PROTECTION :
When handling this product, the use of safety glasses with side shields is recommended. The applicable
European standard can be found in EN 166.

HYGIENE RECOMMENDATIONS :
Use good work and personal hygiene practices to avoid exposure. Consider the provision in the work area of a safety shower and eyewash. Always wash thoroughly after handling chemicals. When handling this product never eat, drink or smoke.

9. Physical and chemical properties

PHYSICAL STATE	Liquid
APPEARANCE	Colorless
ODOR	Slight
FLASH POINT :	Not applicable
SPECIFIC GRAVITY	0.9 - 1.1
SOLUBILITY IN WATER	Complete
pH (100 %)	7

Note: These physical properties are typical values for this product and are subject to change.

10. Stability and reactivity

STABILITY :	Stable under normal conditions.
HAZARDOUS POLYMERIZATION :	Hazardous polymerization will not occur.
CONDITIONS TO AVOID :	Heat and sources of ignition including static discharges.
MATERIALS TO AVOID :	Contact with strong oxidizers (e.g. chlorine, peroxides, chromates, nitric acid, perchlorate, concentrated oxygen, permanganate) may generate heat, fires, explosions and/or toxic vapors., Strong acids, Strong Bases

11. Toxicological information

No toxicity studies have been conducted on this product.

SENSITIZATION :
This product is not expected to be a sensitizer.

CARCINOGENICITY :
None of the substances in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or the American Conference of Governmental Industrial Hygienists (ACGIH).

For additional information on the hazard of the preparation, please consult section 3 and 12.

12. Ecological information

ECOTOXICOLOGICAL EFFECTS :

No toxicity studies have been conducted on this product.

MOBILITY :
No harmful effects to terrestrial or aquatic organisms are likely to occur.

PERSISTENCY AND DEGRADATION :
Biological Oxygen Demand (BOD) : The organic portion of this preparation is expected to be readily biodegradable.

BIOACCUMULATION POTENTIAL
This preparation or material is not expected to bioaccumulate.

13. Disposal considerations

If this preparation becomes a waste, the final user must define and assign the appropriate European Waste Catalogue code. Use only authorized contractors. Ensure compliance with EC, national and local regulations.

Dispose of wastes in an approved incinerator or waste treatment/disposal site, in accordance with all applicable regulations. Do not dispose of wastes in local sewer or with normal garbage. This product is ashless and can be burned directly in appropriate equipment. This product is NOT suitable for disposal via municipal sewers, drains, natural streams or rivers.

Empty drums should be taken for recycling, recovery, or disposal through a suitably qualified or licensed
contractor.

EUROPE WASTE CODE :
16 03 06 - OFF SPECIFICATION BATCHES AND UNUSED PRODUCTS - Organic wastes other than those
mentioned in 16 03 05. If this product is used in any further processes, the final user must redefine and assign the most appropriate European Waste Catalogue Code.

14. Transport information

The information in this section is for reference only and should not take the place of a shipping paper (bill of lading) specific to an order. Please note that the proper Shipping Name / Hazard Class may vary by packaging, properties, and mode of transportation. Typical Proper Shipping Names for this product are as follows.

LAND TRANSPORT
Proper Shipping Name : PRODUCT IS NOT REGULATED DURING
TRANSPORTATION

AIR TRANSPORT (ICAO/IATA)
Proper Shipping Name : PRODUCT IS NOT REGULATED DURING
TRANSPORTATION

MARINE TRANSPORT (IMDG/IMO)
Proper Shipping Name : PRODUCT IS NOT REGULATED DURING
TRANSPORTATION

15. Regulatory information

CLASSIFICATION AND LABELLING :
This preparation is not regulated, however, we recommend the following safety precautions:

SAFETY PHRASES
S24/25 - Avoid contact with skin and eyes.
S37/39 - Wear suitable gloves and eye/face protection.

INTERNATIONAL CHEMICAL CONTROL LAWS

EUROPE
The substances in this preparation have been reviewed for compliance with the EINECS or ELINCS inventories., The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

16. Other information

This product material safety data sheet provides health and safety information. The product is to be used in applications consistent with our product literature. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information. For any other uses, exposures should be evaluated so that appropriate handling practices and training programs can be established to insure safe workplace operations. Please consult your local sales representative for any further information.

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.