Material Safety Data Sheet

Fresh and Safe Deodorizers for Portable Restrooms (RXSOL-15-1025-600)

1. Product and Company Identifaction

Product Name	Fresh and Safe Deodorizers for Portable Restrooms
Product Type	RXSOL-15-1025-600

Company Details:

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

Stock Point : Mumbai, Kandla, Chennai, Visakhapatnam, Kolkata, Fujairah, Muscat

Phone	+91 22 27815541 / 42
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / informationon ingredients

Name	CAS No	Concentration
Methanol		2 3
Alcohol C11-C14-Iso,C13-rich ethoxylate	78330219	2 3
Alcohol C10-14,ethoxylate	66455-150	2 3
Alcohol C10 lang chain alkoxylate	1667336-089	2 3
Benzododecinium Chloride	139071	2 3
Tetradecyldimethyl benzylammonium Chloride	139-08-2	1 2

3. Hazards Identification

GHS-US classification

Eye Irrit. 2 H319

Aquatic Acute 3 H402

Aquatic Chronic 3 H412

Full text of H statements : see section 16

Label elements:

Signal word : Warning

Hazard statements :

Causes serious eye irritation.

Harmful to aquatic life.

Harmful to aquatic life with long lasting effects.

Precautionary statements : Wash hands and forearms thoroughly after handling. Avoid release to the environment. Wear eye protection, protective gloves.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention. Dispose of contents/container per local/regional/federal regulations.

Hazard not otherwise classified (HNOC) No additional information available

Unknown acute toxicity (GHS US) No data available

4. First Aid Measures

First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.
First-aid measures after skin contact	If skin irritation or rash occurs: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation persists, get medical attention.
First-aid measures after eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention
First-aid measures after ingestion :	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.

Symptoms/effects after skin contact : Contact during a long period may cause slight irritation. Repeated exposure may cause skin dryness or cracking.

Symptoms/effects after eye contact : Causes serious eye irritation.

Symptoms/effects after ingestion : FOLLOWING SYMPTOMS MAY APPEAR LATER: Irritation of the gastric/intestinal mucosa. Irritation of the oral mucous membranes. Nausea.

5. Fire-fighting Measures

5.1. Extinguishing media Suitable extinguishing media : Alcohol-resistant foam. BC powder. Carbon dioxide. Dry chemical powder. Sand/earth.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture No additional information available

5.3. Advice for firefighters Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

Other information : No additional information available.

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Isolate from fire, if possible, without unnecessary risk.

6.1.1. For non-emergency personnel Protective equipment : Protective goggles. Protective gloves.

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up For containment : Contain released product, pump into suitable containers. Plug the leak, cut off the supply.

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Wash down leftovers with plenty of water. Wash clothing and equipment after handling.

7. Handling and Storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin, eyes and clothing. Avoid breathing mist, vapors. Ensure good ventilation of the work station. Observe normal hygiene standards. Use personal protective equipment as required.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash hands and forearms thoroughly after handling. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Provide local exhaust or general room ventilation.Comply with applicable regulations.

Incompatible products : Oxidizing agent. Storage area : Store in a cool, dry well-ventilated area. Keep container tightly closed when not in use. SECTION 8: Exposure

8. Exposure controls and personal protection

8.1. Control parameters : No data available

8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : Wear protective gloves.

Eye protection : Chemical goggles or safety glasses.

Skin and body protection : Wear suitable protective clothing.

Other information : Do not eat, drink or smoke during use.

Appropriate engineering controls : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday

9. Physical and chemical properties

Physical state : Liquid

Color : Blue

Odor : Cherry

Odor threshold : No data available pH : 6-7.5

Melting point : No data available

Freezing point : No data available

Flash point : > 200 °F

Relative evaporation rate (butyl acetate=1) : No data available

Flammability (solid, gas) : No data available

Explosion limits : No data available

Vapor pressure : No data available

Vapor density : No data available

Specific Gravity @ 77º F : 0.994 - 1.014

Solubility : Soluble in water

Partition Coefficient n-Octanol-Water : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity : No data available

10. Stability and reactivity

10.1. Reactivity No additional information available

10.2. Chemical stability Stable under normal conditions.

10.3. Possibility of hazardous reactions Not established.

10.4. Conditions to avoid Extremely high or low temperatures.

10.5. Incompatible materials Oxidizers.

10.6. Hazardous decomposition products Carbon monoxide. Carbon dioxide. Nitrogen oxides.

11. Toxicological information

Skin corrosion/irritation : Not classified

pH: 7 - 8

Serious eye damage/irritation : Causes serious eye irritation.

pH: 7 - 8

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified Based on available data, the classification criteria are not met

Carcinogenicity : Not classified

Reproductive toxicity : Not classified Based on available data, the classification criteria are not met

Specific target organ toxicity – single exposure : Not classified

Specific target organ toxicity – repeated exposure : Not classified

Aspiration hazard : Not classified

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met

Symptoms/effects after skin contact : Contact during a long period may cause slight irritation. Repeated exposure may cause skin dryness or cracking.

Symptoms/effects after eye contact : Causes serious eye irritation.

Symptoms/effects after ingestion : FOLLOWING SYMPTOMS MAY APPEAR LATER: Irritation of the gastric/intestinal mucosa. Irritation of the oral mucous membranes. Nausea.

Menathol:

Acute Effects: May be fatal or cause blindness if swallowed. Cannot be made nonpoisonous. Harmful if inhaled or absorbed through skin.

Local Effects: Causes eye irritation. Prolonged or repeated skin contact may cause drying, cracking, or irritation. High vapor concentrations may cause drowsiness and irritation of the eyes or respiratory tract.

Sensitization: Not a skin sensitizer.

Chronic Effects: May cause central nervous system effects. In serious cases methanol absorption into the body may lead to damage to eyesight. Prolonged or repeated skin contact may cause dermatitis and defatting, dryness, and cracking of the skin.

Carcinogenic Effects: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA

12. Ecological information

Toxicity:

Use this product according to good working Practice . Avoid litter .Inform the competent authorities, should the product reach waterways or sewers and contaminate soil or vegetation.

Menathol:

Ecotoxicity: This product is not expected to be harmful to aquatic organisms.

Environmental Effects: This product is not expected to be harmful to the environment.

Persistence and Degradability: Expected to be readily biodegradable.

Partition Coefficient -0.77 (n-octanol/water):

13. Disposal considerations

Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container in accordance with Local, State, and Federal regulations.

Ecology - waste materials : Avoid release to the environment.

14. Transport information

14.1. UN Number UN-No.(DOT) : Not Regulated

Other information : No supplementary information available

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not Regulated

15. Regulatory information

Denger labeling under directive 1272/2008(EC) & 790/2009 & Subsequent amendments.

Regulation	CAS	Substance
Reg(EC)428/2009exCE/334/2000 Ann.1	-	-
Reg(EC)273/04Tab.leat1	-	-
Reg(EC)98/2013Tab.1	-	-
Reg(EU)98/2013Tab.2	-	-
Reg (EU)1258/2013exReg(EC) 273/04Tab.1Cat2.	-	-
Reg(EC)273/04Tab.1.3	-	-
Reg(EC)1907/2006 Ann.XIV	-	-
Reg(EC)1907/2006 Ann.XVII		Mixturer (Entry 3)
directive 2012/18/UEAnn./part2	67561	Methanol

16. Other information

H302 Harmful if swallowed. ------ H315

Causes skin irritation. ------ H318

Causes serious eye damage. ------ H319

Causes serious eye irritation. ------ H402

Harmful to aquatic life. ------ H412

Harmful to aquatic life with long lasting effects.

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.