

1. Product and Company Identification

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Product Name OxySafe Oxygen Absorbent 200 CC
Product Number RXSOL-24-8197-005

Company Details:

RX MARINE INTERNATIONAL
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VASHI ,NEW BOMBAY 400703 INDIA

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2. Composition / Information on ingredients

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Mixture Description : Ferrous powder, Calcium carbonate (CaCO₃), Active Carbon (C) , Salt (NaCl)

Hazardous Components: N/A

3. Hazards Identification

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EC Classification : Non-Harmful.

Avoid exposure of the packet in the air for long periods of time. When the master bag is open, iron will start a chemical reaction with oxygen in the air, and form iron oxide in the packet. This will render the oxygen absorber ineffective via an irreversible reaction.

Signs and Symptoms: N/A

Safety Hazards None.

Non-toxic with Oral LD50.

Do not eat as the sachet represents a potential choking hazard, although the total contents are non-hazard.

Environmental Hazards: N/A

Additional Information: N/A

4. First Aid Measures

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Inhalation Do not intentionally inhale loose contents.

Do not eat, sachet is a choking hazard.

Skin Contact It may cause eye irritation/possible skin irritation upon prolonged direct contact with black powder, when the packet is broken and the contents are spilled.

Eye Contact In case of eye contact, immediately rinse with water for 15 minutes.

If swallowed, induce vomiting, drink water, and call physician immediately.

Ingestion Do not eat, sachet is a choking hazard.

Non-toxic, sachet will re-appear in faces.

Advice to Physician Treat symptomatically.

5. Fire-fighting Measures

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5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

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

Surrounding fires : Use water spray or fog for cooling exposed containers.

5.2. Special hazards arising from the substance or mixture

Flammable class : Flammable solid.

Hazardous combustion products : Under fire conditions, hazardous fumes will be present.

5.3. Advice for fire-fighters

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

Special procedures : Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

6. Accidental Release Measures

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6.1. Personal precautions, protective equipment and emergency procedures

For emergency responders : Equip cleanup crew with proper protection.

Ventilate area.

Technical measures : Use special care to avoid static electric charges.

Special precautions : Remove ignition sources. No naked lights. No smoking.

For non-emergency personnel : Evacuate unnecessary personnel.

6.2. Environmental precautions

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Clean up methods : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

6.4. Reference to other sections

See section 8. Exposure controls/personal protection

7. Handling and Storage

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7.1. Precautions for safe handling

Handling : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Handle empty containers with care because residual vapours are flammable.

Technical protective measures : Provide good ventilation in process area to prevent formation of vapour. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof electrical, ventilating, lighting, , equipment.

Special precautions : No naked lights. No smoking.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use. Keep in fireproof place. Ground/bond container and receiving equipment.

Storage - away from : Strong bases. Strong acids. Sources of ignition. Direct sunlight.

Heat sources.

7.3. Specific end use(s)

Specific end use(s) : None.

8. Exposure controls and personal protection

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8.1. Exposure controls

Personal protection : Avoid all unnecessary exposure.

☒ Respiratory protection : Wear approved mask.

☒ Hand protection : Wear protective gloves.

☒ Eye protection : Chemical goggles or safety glasses.

☒ Others : When using, do not eat, drink or smoke.

8.2. Control parameters

Occupational Exposure Limits : No data available.

9. Physical and chemical properties

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Appearance	Powder
Colour	Black
Odour	Odourless
Boiling Point	2730 deg C

10. Stability and reactivity

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10.1. Reactivity

Reactivity : Not established.

10.2. Chemical stability

Chemical stability : Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions : Not established.

10.4. Conditions to avoid

Conditions to avoid : Direct sunlight. Extremely high or low temperatures. Open flame.

Overheating. Heat. Sparks.

10.5. Incompatible materials

11. Toxicological information

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Basis for Assessment: Information given is based on product data, a knowledge of the components and the toxicology of similar products.

Acute Oral Toxicity: Non-toxic, no LD50

Acute Dermal Toxicity: Non-toxic, no LD50

Acute Inhalation Toxicity: Non-toxic, no LD50

Skin Irritation: Irritating to skin.

Eye Irritation: Expected to be slightly irritating.

Respiratory Irritation: Inhalation of powder may cause irritation to the respiratory system.

Sensitization: N/A

Repeated Dose Toxicity: N/A

Mutagenicity: N/A

Carcinogenicity: N/A

Reproductive and Developmental Toxicity: N/A

Acute Toxicity: N/A

12. Ecological information

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12.1. Toxicity

Toxicity information : Not established.

12.2. Persistence - degradability

Persistence - degradability : Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential : Not established.

12.4. Mobility in soil

Mobility in soil : Not established.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation

REACH.

12.6. Other adverse effects

Environmental precautions : Avoid release to the environment.

13. Disposal considerations

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13.1. Waste treatment methods

General : Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

Special precautions : Handle empty containers with care because residual vapours are flammable.

14. Transport information

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Land (as per ADR classification):

Regulated Class: N/A

Packing group: N/A

Hazard identification no: N/A

UN No.: N/A

Danger label (primary risk): 0

Proper shipping name: OXYGEN ABSORBER

Environmentally Hazardous: No

IMDG Identification number: N/A

Proper shipping name: OXYGEN ABSORBER

15. Regulatory information

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15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Safety, health and environmental : Ensure all national/local regulations are observed.

regulations/legislation specific for the substance or mixture

REACH Restrictions - Annex XVII : The components of this product are not subject to restrictions.

REACH Authorisation - Annex XIV : The components of this product are not subject to authorization.

16. Other information

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Abbreviations and acronyms : PBT: persistent, bioaccumulative and toxic.

vPvB: very persistent and very bioaccumulative

Sources of key data used : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Further information : None.

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