Material Safety Data Sheet

Bleach for Colour Safe OxiBrite (RXSOL-41-8731-025)

1. Product and Company Identifaction

Product Name	**Colour Safe Bleach OxiBrite**
Product Type	**RXSOL-41-8731-025**

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

Stock Point : Mumbai, Kandla, Kolkata, Chennai, Gandhidham, Vizag, Fujairah, Muscat

Phone	+91 22 65113333/ 5555 / 9999 / 27611360 / 27815540
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2. Composition / informationon ingredients

Chemical Name	Cas No.	EC No	Percentage	Classification
Sodium Percarbonate	15630-89-4	239-707-6	30-45%	Xn, R 22
Sodium Carbonate	497-19-8	207-838-8	1-5%	Xi, R 36
Proprietory Blend	---	---	45-50%	---

3. Hazards Identification

Potential Acute Health Effects:

May cause severe irritation to eyes. May cause permanent damage if eye is not immediately irrigated.

Prolonged or repeated exposure :
May cause: skin irritation and dermatitis. Dust may irritate respiratory system or lungs. Inhalation of powder/dust may cause lung oedema. Product is alkaline and may be mildly corrosive to mucous membranes. Ingestion may cause: irritation Gas formation in stomach.

Environment : The product contains a substance which is toxic to aquatic organisms. Danger to the environment is limited as a result of absence of bioaccumulation and its degradability.

Physical and Chemical Hazard : Oxidising material.

4. First Aid Measures

Inhalation: Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

Ingestion : Immediately rinse mouth and drink plenty of water (200-300 ml). DO NOT INDUCE VOMITING! Do not give victim anything to drink if he is unconscious. Get medical attention.

Skin contact : Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

Eye contact : Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.

Most important symptoms and effects, both acute and delayed

Inhalation : Irritation of nose, throat and airway.

Ingestion : Harmful if swallowed. May cause stomach pain or vomiting.

Skin contact: Prolonged skin contact may cause redness and irritation.

Eye contact: May cause blurred vision and serious eye damage. Irritating and may cause redness and pain.

5. Fire-fighting Measures

Extinguishing media : Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

Hazardous combustion products : Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

Unusual Fire & Explosion Hazards :OXIDISING! Wetting and decomposition will produce oxygen and heat and will support or accelerate combustion.

Specific hazards : Oxygen.

Special Fire Fighting Procedures: Water spray should be used to cool containers. Dike and collect extinguishing water.

Protective equipment for fire-fighters : Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes. Avoid inhalation of dust. Provide adequate ventilation.

Environmental precautions : Do not discharge into drains, water courses or onto the ground. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

Methods and material for containment and cleaning up: Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into closed container. Flush area with plenty of water. Dispose of waste and residues in accordance with local authority requirements. Collect spillage in containers, seal securely and
deliver for disposal according to local regulations.

7. Handling and Storage

Precautions: Avoid spilling, skin and eye contact. Eliminate all sources of ignition. Static electricity and formation of sparks must be prevented. Provide good ventilation. Avoid spreading dust.
Conditions for safe storage, including any incompatibilities. The identified uses for this product are detailed in Section 1.2. seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.

Storage:
Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from heat, sparks and open flame. Store in tightly closed original container in a dry,place.

8. Exposure controls and personal protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection:
Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

9. Physical and chemical properties

Physical state and appearance:	Powder, White-
Odor:	Not available.
Taste:	Not available.
Molecular Weight:	314.06 g/mole
Solubility Value (G/100G	14
pH (1% soln/water):	9.5
Boiling Point:	Not determined.
Melting Point:	Not determined.
Bulk Density	850-1200 kg/m3

Decomposition temperature (°C)	>110
Vapor Pressure:	Not applicable.
Vapor Density:	Not available.
Volatility:	Not available.
Odor Threshold:	Not available.
Viscosity	Not determined.
Flash point (°C)	Not applicable.
Dispersion Properties:	Not available.
Flammability Limit - Lower(%)	Not applicable.

10. Stability and reactivity

Stability:	The product is stable.
Instability Temperature:	Not available.
Conditions of Instability:	Not available.
Incompatibility with various substances:	Not available.
Corrosivity:	Mild
Special Remarks on Reactivity:	Srong reaction with Water
Special Remarks on Corrosivity:	Not available.
Polymerization:	No.

11. Toxicological information

Routes of Entry:	Eye contact. Inhalation. Ingestion.
Toxicity to Animals:	Acute oral toxicity (LD50): 132 mg/kg [Rat].
Chronic Effects on Humans:	The substance is toxic to lungs, mucous membranes.
Other Toxic Effects on Humans:	Very hazardous in case of ingestion. Hazardous in case of skin contact (irritant), of inhalation. Slightly hazardous in case of skin contact (permeator).

Special Remarks on Toxicity to Animals:	Not available.
Special Remarks on Chronic Effects on Humans:	Animal embryotoxic.
Special Remarks on other Toxic Effects on Humans:	Not available.

12. Ecological information

Ecotoxicity:	Not available.
BOD5 and COD:	Not available.
Products of Biodegradation:	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation:	The products of degradation are more toxic.
Special Remarks on the Products of Biodegradation:	Not available.

13. Disposal considerations

Dispose of waste and residues in accordance with local authority requirements. Empty containers should be rinsed with water then crushed and disposed of at legal waste disposal site.

14. Transport information

General : Full protective clothing should be worn when handling this product.

UN No. (ADR/RID/ADN) 3378
UN No. (IMDG) 3378

Proper shipping name : Sodium Carbonate Peroxyhydrate

Transport hazard class(es)
ADR/RID/ADN Class Class 5.1: Oxidising substances.
IMDG Class 5.1

Packing group

ADR/RID/ADN Packing group : III
IMDG Packing group : III

Environmentally Hazardous Substance/Marine Pollutant : No.
Special precautions for user : No special storage precautions noted. Supplied in accordance with "Limited Quantity" provisions.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code :Not applicable.

15. Regulatory information

Federal and State Regulations:

No products were found.

Uk Regulatory References : The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments. Chemicals (Hazard Information & Packaging) Regulations.

EU Legislation : Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. 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 with amendments.

Chemical Safety Assessment: No chemical safety assessment has been carried out.

16. Other information

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