1. Product and Company Identifaction

Porduct Name	Stain Remover Oxi-Power Caps A
Part Number	RXSOL-15-2723-005

Company Details:....

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

Branch : Kandla, Mumbai , Chennai, Vizag, Kolkata, UAE , OMAN , CANADA and KENYA

Phone	+91 22 20871200 - 1400
Fax	+91 22 27612100 :::AOH :0091 9821214367
Email	mail@rxmarine.com
Website	www.rxmraine.com

2. Composition / Information on ingredients

Mixtures

SODIUM CARBONATE 50-80%

CAS number: 497-19-8 EC number: 207-838-8 REACH registration number: 01-

2119485498-19-XXXX

Classification
Eye Irrit. 2 - H319

Sodium Percarbonate Peroxyhydrate 3050%

CAS number: 15630-89-4 EC number: 239-707-6 REACH registration number: 01-

2119457268-30-XXXX

Classification

Ox. Sol. 2 - H272

Acute Tox. 4 - H302

Eye Dam. 1 - H318

Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.

and Benzenesulfonic acid, 4-methyl- and sodium hydroxide

1-3%

CAS number: EC number: 932-051-8 REACH registration number: 01-

2119565112-48-XXXX

Classification

Skin Irrit. 2 - H315

Eye Dam. 1 - H318

Aquatic Chronic 3 - H412

3. Hazards Identification

Physical hazards	Not Classified
Health hazards	Eye Dam. 1 - H318
Environmental hazards	Not Classified
Signal word	Danger
Hazard statements	H318 Causes serious eye damage
Precautionary statements	P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/ doctor.
Contains	Sodium Percarbonate Peroxyhydrate, Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide
Detergent labelling	? 30% oxygen-based bleaching agents, < 5% anionic surfactants
Other hazards	This product does not contain any substances classified as PBT or vPvB

4. First Aid Measures

Description of first aid measures

General information	Get medical attention if symptoms are severe or persist. Remove affected person from source of contamination.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. Get medical attention immediately.
Skin contact	Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention promptly if symptoms occur after washing
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse

Most important symptoms and effects, both acute and delayed

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Irritation of nose, throat and airway.
Ingestion	May cause stomach pain or vomiting. May cause chemical burns in mouth, oesophagus and stomach.
Skin contact	Causes mild skin irritation.
Eye contact	Severe irritation, burning and tearing.

Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically

5. Fire-fighting Measures

Suitable Extinguishing Media	The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media

	suitable for the surrounding fire.
Specific hazards	Oxygen released in thermal decomposition may support combustion.
Hazardous combustion products	**Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard.** **In a fire or if heated, a pressure increase will occur and the container may burst, with the** **risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along** **the ground. Vapors may accumulate in low or confined areas or travel a considerable** **distance to a source of ignition and flash back.** **Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard.** **In a fire or if heated, a pressure increase will occur and the container may burst, with the** **risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along** **the ground. Vapors may accumulate in low or confined areas or travel a considerable** **distance to a source of ignition and flash back.** **Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard.** **In a fire or if heated, a pressure increase will occur and the container may burst, with the** **risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along** **the ground. Vapors may accumulate in low or confined areas or travel a considerable** **distance to a source of ignition and flash back.** Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Oxygen. Harmful gases or vapours.
Protective actions during firefighting	Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If risk of water pollution occurs, notify appropriate authorities. Control run-off water by containing and keeping it out of sewers and watercourses.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

6. Accidental Release Measures

Personal precautions	Wear protective clothing as described in Section 8 of this safety data

	sheet. Avoid inhalation of dust.
Environmental precautions	Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body
Methods for cleaning up	Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dispose of contents/container in accordance with national regulations.
Reference to other sections	Wear protective clothing as described in Section 8 of this safety data sheet. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

7. Handling and Storage

Precautions for safe handling	Usage precautions : Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid handling which leads to dust formation. Advice on general occupational hygiene : Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse.
Storage precautions	Store in tightly-closed, original container in a dry, cool and well-ventilated place.
Storage class	Chemical storage.
Specific end use(s)	The identified uses for this product are detailed in Section 1.2

8. Exposure controls and personal protection

Occupational exposure limits

SODIUM CARBONATE

Long-term exposure limit (8-hour TWA): WEL 5 mg/m3 resp.dust

WEL = Workplace Exposure Limit.

SODIUM CARBONATE (CAS: 497-19-8)

Ingredient comments	WEL = Workplace Exposure Limits
DNEL	Workers - Inhalation; Long term local effects: 10 mg/m^3

Sodium Percarbonate Peroxyhydrate (CAS: 15630-89-4)

DNEL	Industry - Inhalation; Long term local effects: 5 mg/m^3
	Industry - Dermal; Long term local effects: 12.8 mg/cm3
	Industry - Dermal; Long term local effects: 12.8
	Consumer - Dermal; Short term local effects: 6.4 mg/cm3

	Consumer - Dermal; Long term local effects: 6.4 mg/cm3
PNEC	- Fresh water; 0.035 mg/l
	- marine water; 0.035 mg/l
	- Water, Intermittent release; 0.035 mg/l
	- STP; 16.24 mg/l

Sodium Chloride (CAS: 7647-14-5)

DNEL	Workers - Dermal; Short term systemic effects: 295.52 mg/kg/day
	Workers - Inhalation; Short term systemic effects: 2068.62 mg/m^3
	Workers - Dermal; Long term systemic effects: 295.52 mg/kg/day
	Workers - Inhalation; Long term systemic effects: 2068.62 mg/m^3
	General population - Dermal; Short term systemic effects: 126.65 mg/kg/day
	General population - Inhalation; Short term systemic effects: 443.28 mg/m^3
	General population - Oral; Short term systemic effects: 126.65 mg/kg/day
	General population - Oral; Long term systemic effects: 126.65 mg/kg/day
	General population - Inhalation; Long term systemic effects: 443.28 mg/m^3
	General population - Dermal; Long term systemic effects: 126.65 mg/kg/day
PNEC	Fresh water; 5 mg/l
	Soil; 4.86 mg/kg
	STP; 500 mg/l

Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide

DNEL	Workers - Dermal; Long term systemic effects: 85 mg/kg bw/day
	Workers - Inhalation; Long term systemic effects: 6 mg/m^3
	Consumer - Dermal; Long term systemic effects: 42.5 mg/kg bw/day
	Consumer - Inhalation; Long term systemic effects: 1.5 mg/m^3
	Consumer - Oral; Long term systemic effects: 0.425 mg/kg bw/day
PNEC	- Fresh water; 0.268 mg/l
	- marine water; 0.0268 mg/l
	- Intermittent release; 0.055 mg/l
	- STP; 5.6 mg/l
	- Sediment (Freshwater); 8.1 mg/kg dw
	- Sediment (Marinewater); 8.1 mg/kg dw
	- Soil; 35 mg/kg dw

Appropriate engineering controls	No specific ventilation requirements.
Eye/face protection	Safety glasses with side-shields (EN 166).
Hand protection	Chemical resistant PVC/Nitrilrubber gloves (to European standard EN 374 or equivalent). Thickness: 0,4 mm. Penetration time: >480 min (level 6). The selection of specific gloves for a specific application and time of use in a working area, should also take into account other factors on the working space, such as (but not limited to): other chemicals that are possibly used, physical requirements (protection against cutting/drilling, skill, thermal protection), and the instructions/specification of the supplier of gloves.
Other skin and body protection	Wear suitable protective clothing (EN14605)
Hygiene measures	Do not eat, drink or smoke when using this product
Respiratory protection	Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

9. Physical and chemical properties

Appearance	Powder
Color	White/off-white.
Odor	Odourless.
pH	pH (diluted solution): 11-12 1%
Solubility(ies)	Soluble in water.
Other information	Not available.

10. Stability and reactivity

Reactivity	The following materials may react with the product: Acids. Strong oxidising agents. Strong reducing agents. Flammable/combustible materials.
Chemical Stability	Avoid the following conditions: Avoid contact with acids. Avoid contact with flammable/combustible materials.
Possibility of Hazardous Reactions	Will not polymerise
Conditions to avoid	Strong acids. Strong oxidising agents. Strong reducing agents.
Hazardous Decomposition Products	Does not decompose when used and stored as recommended. Heating may generate the following products: Carbon. Nitrogen.

11. Toxicological information

Information on toxicological effects	Toxicological effects : Not regarded as a health hazard under current legislation
Acute toxicity - oral	Notes (oral LD??) Based on available data the classification criteria are not met. ATE oral (mg/kg) 2,757.33
Acute toxicity - dermal	Notes (dermal LD??) : Based on available data the classification criteria are not met.
Acute toxicity - inhalation	Notes (inhalation LC??) : Based on available data the classification criteria are not met.
Skin corrosion/irritation	Skin corrosion/irritation : May cause skin irritation. Animal data : Based on available data the classification criteria are not met.
Serious eye damage/irritation	Causes serious eye damage.

Respiratory sensitisation	Based on available data the classification criteria are not met.
Skin sensitisation	Based on available data the classification criteria are not met.
Germ cell mutagenicity	Genotoxicity - in vitro : Based on available data the classification criteria are not met.
Carcinogenicity	Carcinogenicity : Based on available data the classification criteria are not met. IARC carcinogenicity : None of the ingredients are listed or exempt.
Reproductive toxicity	Reproductive toxicity - fertility : Based on available data the classification criteria are not met. Reproductive toxicity - development : Based on available data the classification criteria are not met.
Specific target organ toxicity - single exposure	STOT - single exposure : Not classified as a specific target organ toxicant after a single exposure.
Specific target organ toxicity - repeated exposure	STOT - repeated exposure : Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard	Based on available data the classification criteria are not met.
General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Dust may irritate the respiratory system. Symptoms following overexposure to dust may include the following: Coughing.
Ingestion	Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.
Skin contact	May cause skin irritation. Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.
Eye contact	Severe irritation, burning and tearing.
Acute and chronic health hazards	This product may cause skin and eye irritation. Repeated exposure may cause chronic eye irritation. Mild dermatitis, allergic skin rash.
Route of exposure	Skin and/or eye contact Ingestion Inhalation

Toxicological information on ingredients.

Sodium Percarbonate Peroxyhydrate

Acute toxicity - oral	Acute toxicity oral (LD?? mg/kg) 1,034.0 Species Rat ATE oral (mg/kg) 1,034.0
Acute toxicity - dermal	Acute toxicity dermal (LD?? mg/kg) 2,001.0 Species Rat

	ATE dermal (mg/kg) 2,001.0
Acute toxicity - inhalation	Acute toxicity inhalation (LC?? dust/mist mg/l) 1,200.0 Species Rat ATE inhalation (dusts/mists mg/l) 1,200.0

Sodium Chloride

Acute toxicity - oral	Acute toxicity oral (LD?? mg/kg) 3,500.0 Species Rat ATE oral (mg/kg) 3,500.0
Acute toxicity - dermal	Acute toxicity dermal (LD?? mg/kg) 10,001.0 Species Rat ATE dermal (mg/kg) 10,001.0
Acute toxicity - inhalation	Acute toxicity inhalation (LC?? dust/mist mg/l) 43.0 Species Rat ATE inhalation (dusts/mists mg/l) 43.0

Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide

Acute toxicity - oral	Acute toxicity oral (LD?? mg/kg) 2,001.0 Species Rat ATE oral (mg/kg) 2,001.0

Acute toxicity - dermal	Acute toxicity dermal (LD?? mg/kg) 2,001.0 Species Rat
Specific target organ toxicity - repeated exposure	STOT - repeated exposure NOAEL 85 mg/kg, Oral, Rat LOAEL 145 mg/kg, Oral, Rat NOAEL 440 mg/kg, Dermal, Mouse

12. Ecological information

Ecotoxicity	Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment. The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.
Toxicity	Based on available data the classification criteria are not met

Ecological information on ingredients.

SODIUM CARBONATE

Acute aquatic toxicity	Acute toxicity - fish LC??, 96 hours: 300 mg/l, Freshwater fish Acute toxicity - aquatic invertebrates EC??, 48 hours: 200-227 mg/l, Daphnia magna Acute toxicity - aquatic plants IC??, 72 hours: >2420 mg/l, Algae

Sodium Percarbonate Peroxyhydrate

Acute aquatic toxicity	Acute toxicity - fish LC??, 96 hours: 70.7 mg/l, Fish Acute toxicity - aquatic invertebrates EC??, 48 hours: 4.9 mg/l, Daphnia magna

Sodium Chloride

Acute aquatic toxicity	Acute toxicity - fish LC??, 96 hours: 6750 mg/l, Fish LC??, 96 hours: 5840 mg/l, Lepomis macrochirus (Bluegill) LC??, 96 hours: 10610 mg/l, Pimephales promelas (Fat-head Minnow) NOEC, 7 days: 4000 mg/l, Pimephales promelas (Fat-head Minnow) Acute toxicity - aquatic invertebrates EC??, 48 hours: 2024 mg/l, Daphnia magna Acute toxicity - aquatic plants IC??, 72 hours: 3014 mg/l, Algae

	Acute toxicity - microorganisms IC??, : > 1000 mg/l, Activated sludge
Chronic aquatic toxicity	Chronic toxicity - aquatic invertebrates LOEC, 21 days: 441 mg/l, Freshwater invertebrates NOEC, 21 days: 314 mg/l, Freshwater invertebrates

Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide

Acute aquatic toxicity	Acute toxicity - fish LC??, 96 hours: 1-10 mg/l, Fish Acute toxicity - aquatic invertebrates EC??, 48 hours: 1-10 mg/l, Daphnia magna Acute toxicity - aquatic plants IC??, 72 hours: 10-100 mg/l, Algae EC10, 72 days: 1.5 mg/l, Algae Acute toxicity - microorganisms EC??, 17 hours: 63 mg/l, PSEUDOMONAS PUTIDA
Chronic aquatic toxicity	Chronic toxicity - fish early life stage NOEC, 72 days: 0.1-1 mg/l, Oncorhynchus mykiss (Rainbow trout) Chronic toxicity - aquatic invertebrates EC??, 32 days: 0.27 mg/l, Freshwater invertebrates

Persistence and degradability	The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.
Bioaccumulative potential	No data available on bioaccumulation.

Ecological information on ingredients.

Sodium Chloride

Partition coefficient	log Pow: -3
Mobility	Soluble in water.

Sodium Chloride

Mobility	Soluble in water.
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.

Sodium Chloride

Results of PBT and vPvB assessment	This substance is not classified as PBT or vPvB according to current EU criteria
Other adverse effects	None known.

13. Disposal considerations

Waste treatment methods	Disposal methods : Dispose of in accordance with Local Authority regulations as special waste according to The Control of Special Waste Regulations 1996. EURAL Code

14. Transport information

General : The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

UN number	Not applicable.
UN proper shipping name	Not applicable.
Transport hazard class(es)	No transport warning sign required.
Packing group	Not applicable.
Environmentally hazardous substance/marine pollutant	No
Special precautions for user	Not applicable.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

15. Regulatory information

EU-Regulations	Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals. Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content	1,35 %

Detergent Regulation : Labelling of contents:

Component	**%**
non-ionic surfactants	5-15%
anionic surfactants	