Material Safety Data Sheet

RXSOL RX 7 Floor Cleaner (RXSOL-15-1674-005)

1. Product and Company Identifaction

Product Name	RXSOL RX 7
Part Number	RXSOL-15-1674-005

Company Details:

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

Phone	+91 22 65113333 / 5555 / 9999 / 27611360
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	123@rxmarine.com

2. Composition / informationon ingredients

Ingredient	CAS No.	Content
Sodium Carbonate	497-19-8	5%
Sodium Hydroxide	1310-73-2	5%
Dodecylbenzene Sulphonic Acid	27176-87-0	5%
Ethoxylated Alcohol	68439-46-3	5%
Coconut Fatty Acid - Distilled	67701-05-7	1%
Water	7732-18-5	remainder

3. Hazards Identification

Classified as hazardous according to hazardous substances[classification] regulations 2001

HSNO Classification

6.3B	:	Substances that are mildly irritating to the skin.
6.4A	:	Substances that are irritating to the eye.

Hazard Statement

H316	:	Causes mild skin irritation.
H319	:	Causes serious eye irritation.

Prevention Statement

P103	:	Read label before use (applies only where the substance is available to the general public).
P264	:	Wash thoroughly after handling.
P280	:	Wear protective gloves/protective clothing/eye protection/face protection.

Response Statement

P305 + P351 + P338	:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332 + P313	:	If skin irritation occurs: Get medical advice/ attention.
P337 + P313	:	If eye irritation persists: Get medical advice/attention.

Disposal Statement : P501 In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001. This may also include any method of disposal that must be avoided.

4. First Aid Measures

Eye : If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.

Skin : If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a doctor.

Inhalation : If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

Ingestion : For advice, contact a Poisons Information Centre on 0800 764 766 (0800 POISON) or +643 479 7248 (New Zealand) or a doctor (at once). If swallowed, do not induce vomiting. Ingestion is considered unlikely due to product form.

Advice to Doctor : Treat symptomatically

5. Fire-fighting Measures

Flammability	:	Non flammable. May evolve toxic gases if strongly heated.
Fire and Explosion	:	No fire or explosion hazard exists.
Extinguishing	:	Prevent contamination of drains or waterways.
Hazchem Code	:	None Allocated

6. Accidental Release Measures

Spillage : Contact emergency services where appropriate. Use personal protective equipment. Clear area of all unprotected personnel. Ventilate area where possible. Contain spillage, then cover / absorb spill with non-combustible absorbant material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. Eliminate all ignition sources.

7. Handling and Storage

Handling : Store in cool, dry, well ventilated area, removed from oxidising agents (eg. hypochlorites), acids (eg sulphuric acid), heat sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills. Large storage areas should have appropriate ventilation systems.

Storage : Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

8. Exposure controls and personal protection

Exposure Stds

Ingredient	Reference	TWA	STEL
Sodium hydroxide	OSH (NZ)	ppm mg/m3	ppm mg/m3

Engineering Controls : Avoid inhalation. Use in well ventilated areas.

PPE : Wear splash-proof goggles and PVC or rubber gloves. When using large quantities or where heavy contamination is likely, wear: coveralls. Where an inhalation risk exists, wear: a Type A (Organic vapour) respirator.

9. Physical and chemical properties

Appearance	:	Opaque White Liquid
Odour	:	Slight Odour

pH	:	10 (1 % solution)
Vapour Pressure	:	Not Available
Vapour Density	:	Not Available
Boiling Point	:	Not Available
Melting Point	:	Not Available
Evaporation Rate	:	Not Available
Solubility (water)	:	Soluble
Specific Gravity	:	Not Available
% Volatiles	:	Not Available
Flammability	:	Non Flammable
Flash Point	:	Not Relevant
Upper Explosion Limit	:	Not Relevant
Lower Explosion Limit	:	Not Relevant

10. Stability and reactivity

Chemical Stability	:	Stable under recommended conditions of storage.
Conditions to Avoid	:	Avoid heat, sparks, open flames and other ignition sources.
Material to Avoid	:	Incompatible with oxidising agents (eg. hypochlorites), acids (eg. nitric acid), heat and ignition sources.
Hazardous Decomposition Pr.	:	May evolve toxic gases if heated to decomposition.
Polymerization	:	Polymerization is not expected to occur.

11. Toxicological information

Health Hazard Summary : Low to moderate toxicity - irritant. This product may only present a hazard with direct eye contact, prolonged and repeated skin contact or with vapour inhalation at high levels. Chronic effects are not anticipated.

Eye : Irritant . Contact may result in irritation, lacrimation, pain and redness.

Inhalation : Low irritant. Over exposure may result in irritation of the nose and throat, with coughing. Due to the low vapour pressure, an inhalation hazard is not anticipated with normal use.

Skin : Irritant. Contact may result in irritation, redness, rash and dermatitis. May cause an allergic skin reaction.

Ingestion : Low to moderate toxicity. Ingestion of large quantities may result in nausea, vomiting and gastrointestinal irritation.

Toxicit Data

Sodium Carbonate (497-19-8)

LC50 (Inhalation)	:	800 mg/m3/2 hours (guinea pig)
LD50 (Ingestion)	:	4090 mg/kg (rat)
LD50 (Intraperitoneal)	:	117 mg/kg (mouse)
LD50 (Subcutaneous)	:	2210 mg/kg (mouse)

Sodium Hydroxide (1310-73-2)

LDLo (Ingestion)	:	500 mg/kg (rabbit)

Dodecylbenzene Sulphonic Acid (27176-87-0)

LD50 (Ingestion)	:	650 mg/kg (rat)

Ethoxylated Alcohol C9-C11 (68439-46-3)

LD50 (Ingestion)	:	1378 mg/kg (rat)
LD50 (Skin)	:	> 2000 mg/kg (rabbit)

TDLo (Ingestion)	:	1950 mg/kg/13 weeks intermittently (rat)

12. Ecological information

Environment : Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

13. Disposal considerations

Waste Disposal	:	Dispose of to an approved landfill site. Contact the manufacturer for additional information.
Legislation	:	Dispose of in accordance with relevant local legislation.

14. Transport information

Not Classified as a dangerous good according to land transport rule : Dangerous goods 2005; NZS 5433:2007, UN, IMDG OR IATA

Shipping Name	:	None Allocated
UN No	:	None Allocated
Packing Group	:	None Allocated
DG Class	:	None Allocated
Hazchem Code	:	None Allocated
Subsidiary Risk(s)	:	None Allocated
EPG	:	None Allocated

15. Regulatory information

Approval Code	:	NA
Group Name	:	Cleaning Products (Subsidiary Hazard) Group Standard 2006
HSNO Controls	:	NA

Additional Information

Respirators : In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

Health Effects From Exposure : It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Chem Alert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

Personal Protective Equipment Guidlines : The recommendation for protective equipment contained within this Chem Alert report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

16. Other information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Rx Marine International be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Rx Marine International has been advised of the possibility of such damages.