

Floor Cleaner 5 Ltr (RXSOL-25-1015-001)

MATERIAL SAFETY DATA SHEET • SALALAH CHEMICAL, OMAN

1. Product and Company Identification

www.rxmarine.com

Product Name	Floor Cleaner 5 Ltr
Part Number	RXSOL-25-1015-001

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.rxmarine.com

2. Composition / Information on ingredients

www.rxmarine.com

Hazardous ingredients

SODIUM HYPOCHLORITE 14-15%

EINECS	CAS	PBT / WEL	CLP Classification	Percent
231-668-3	7681-52-9	-	Skin Corr. 1B: H314; -: EUH031	15-50%

SODIUM LAURETH SULPHATE 70%

239-925-1	9004-82-4	-	Eye Irrit. 2: H319; Skin Irrit. 2: H315	1-10%
-----------	-----------	---	---	-------

SODIUM HYDROXIDE

215-185-5	1310-73-2	-	Skin Corr. 1A: H314	1%
-----------	-----------	---	---------------------	----

Contains Contains a maximum of 4.99% Sodium Hypochlorite.

3. Hazards Identification

www.rxmarine.com

Classification of the substance or mixture

Classification under CLP	Skin Irrit. 2: H315; Eye Irrit. 2: H319; Aquatic Chronic 2: H411; -: EUH031; Met. Corr. 1: H290
Most important adverse effects	Contact with acids liberates toxic gas. Causes skin irritation. Causes serious eye irritation. May be corrosive to metals. Toxic to aquatic life with long lasting effects.

Label elements

Hazard statements	EUH031: Contact with acids liberates toxic gas. H315: Causes skin irritation. H319: Causes serious eye irritation. H290: May be corrosive to metals. H411: Toxic to aquatic life with long lasting effects.
Precautionary statements	P260: Do not breathe dust/fumes/gas/mist/vapours/spray. P280: Wear protective gloves/protective clothing/eye protection/face protection. P273: Avoid release to the environment. P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water . P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Other hazards	PBT: This product is not identified as a PBT/vPvB substance.

4. First Aid Measures

www.rxmarine.com

Description of first aid measures

Skin contact	Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.
Eye contact	Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
Ingestion	Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.
Inhalation	Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

Most important symptoms and effects, both acute and delayed

Skin contact	Blistering may occur. Progressive ulceration will occur if treatment is not immediate.
Eye contact	Corneal burns may occur. May cause permanent damage.
Ingestion	Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.
Inhalation	There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.
Delayed / immediate effects	Immediate effects can be expected after short-term exposure.

Indication of any immediate medical attention and special treatment needed

Immediate / special treatment	Eye bathing equipment should be available on the premises.
--------------------------------------	--

5. Fire-fighting Measures

www.rxmarine.com

Extinguishing media

Extinguishing media	Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
----------------------------	---

Special hazards arising from the substance or mixture

Exposure hazards	Corrosive. In combustion emits toxic fumes.
-------------------------	---

Advice for fire-fighters

Advice for fire-fighters	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
---------------------------------	--

6. Accidental Release Measures

www.rxmarine.com

Personal precautions, protective equipment and emergency procedures

Personal precautions	Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.
-----------------------------	--

Environmental precautions

Environmental precautions	Do not discharge into drains or rivers. Contain the spillage using bunding.
----------------------------------	---

Methods and material for containment and cleaning up

Clean-up procedures	Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.
----------------------------	--

Reference to other sections

Environmental precautions	Refer to section 8 of SDS.
----------------------------------	----------------------------

7. Handling and Storage

www.rxmarine.com

Precautions for safe handling

Handling requirements	Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.
------------------------------	---

Conditions for safe storage, including any incompatibilities

Storage conditions	Store in a cool, well ventilated area. Keep container tightly closed.
---------------------------	---

Specific end use(s)

Specific end use(s)	No data available.
----------------------------	--------------------

8. Exposure controls and personal protection

www.rxmarine.com

Control parameters

Hazardous ingredients

SODIUM HYDROXIDE

Workplace exposure limits

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	-	2 mg/m ³	-	-

DNEL/PNEC Values

DNEL / PNEC	No data available
-------------	-------------------

Exposure controls

Engineering measures	Ensure there is sufficient ventilation of the area.
Respiratory protection	Self-contained breathing apparatus must be available in case of emergency.
Hand protection	Impermeable gloves.
Eye protection	Tightly fitting safety goggles. Ensure eye bath is to hand.
Skin protection	Impermeable protective clothing.

9. Physical and chemical properties

www.rxmarine.com

State	Liquid
Colour	Pale yellow
Odor	Pungent
Solubility in water	Soluble
Viscosity	Viscous
Boiling point/range°C	100
pH	>11.5
Other information	No data available.

10. Stability and reactivity

www.rxmarine.com

Reactivity

Reactivity	Stable under recommended transport or storage conditions.
-------------------	---

Chemical stability

Chemical stability	Stable under normal conditions
---------------------------	--------------------------------

Possibility of hazardous reactions

Hazardous reactions	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
----------------------------	---

Conditions to avoid

Conditions to avoid	Heat
----------------------------	------

Incompatible materials

Materials to avoid	Strong oxidising agents. Strong acids.
---------------------------	--

Hazardous decomposition products

Haz. decomp. products	In combustion emits toxic fumes.
------------------------------	----------------------------------

11. Toxicological information

www.rxmarine.com

Information on toxicological effects

Hazardous ingredients

SODIUM HYPOCHLORITE 14-15%

ORL	RAT.	LD50	5000	mg/kg
-----	------	------	------	-------

SODIUM LAURETH SULPHATE 70%

ORL	RAT	LD50	>2000	mg/kg
-----	-----	------	-------	-------

SODIUM HYDROXIDE

IPR	MUS	LD50	40	mg/kg
ORL	RBT	LDLO	500	mg/kg

Relevant hazards for product

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact	Blistering may occur. Progressive ulceration will occur if treatment is not immediate.
Eye contact	Corneal burns may occur. May cause permanent damage.
Ingestion	Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.
Inhalation	There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.
Delayed / immediate effects	Immediate effects can be expected after short-term exposure.

12. Ecological information

www.rxmarine.com

Toxicity

Ecotoxicity values	No data available.
---------------------------	--------------------

Persistence and degradability

Persistence and degradability	Biodegradable.
--------------------------------------	----------------

Bioaccumulative potential

Bioaccumulative potential	No bioaccumulation potential.
----------------------------------	-------------------------------

Mobility in soil

Mobility	Readily absorbed into soil.
-----------------	-----------------------------

Results of PBT and vPvB assessment

PBT identification	This product is not identified as a PBT/vPvB substance.
---------------------------	---

Other adverse effects

Other adverse effects	Negligible ecotoxicity.
-----------------------	-------------------------

13. Disposal considerations

www.rxmarine.com

Waste treatment methods

Disposal operations	Transfer to a suitable container and arrange for collection by specialised disposal company
NB	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. Transport information

www.rxmarine.com

Transport information

Transport class	This product does not require a classification for transport
-----------------	--

15. Regulatory information

www.rxmarine.com

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

Specific regulations	Not applicable.
----------------------	-----------------

Chemical Safety Assessment

Chemical safety assessment	A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.
----------------------------	---

16. Other information

www.rxmarine.com

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 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. DISCLAIMER OF LIABILITY :The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.
-------------------	---