Material Safety Data Sheet

Oven Cleaner (RXSOL-15-1102-001)

1. Product and Company Identifaction

Product Name	**Oven Cleaner**
Product Type	**RXSOL-15-1102-001**

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

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

Name	Case No	EC No	Percentage	Rharas
SODIUM HYDROXIDE	1310-73-2	215-185-5	10-15%	C;R35
TALLOWBIS(2-HYDROXYETHYL)AMINE OXIDE	61791-46-6	263-179-6	0.1-1%	Xi;R38,R41. N;R50.

3. Hazards Identification

Classification of the substance or mixture:
Classification
Physical hazards
Not Classified
Health hazards
Skin Corr. 1A - H314 Eye Dam. 1 - H318
Environmental hazards
Not Classified
Classification (67/548/EEC or 1999/45/EC)
C;R35.

Label elements: Pictogram

Signal word: Danger

Hazard statements: H314 Causes severe skin burns and eye damage.

Precautionary statements:
P102 Keep out of reach of children.
P260 Do not breathe mist.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
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/shower.
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.
P315 Get immediate medical advice/attention.
P501 Dispose of contents/container in accordance with local regulations.

Contains :
SODIUM HYDROXIDE

Other hazards:
This product does not contain any substances classified as PBT or vPvB.

4. First Aid Measures

Description of first aid measures:

Inhalation	Unlikely route of exposure as the product does not contain volatile substances. If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention immediately. Skin contact Wash with plenty of water. Get medical attention promptly if symptoms occur after washing.
Skin contact	Wash with plenty of water. Get medical attention promptly if symptoms occur after washing.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. 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 chemical burns in mouth and throat.
Skin contact	Burning pain and severe corrosive skin damage. May cause serious chemical burns to the skin.
Eye contact	Severe irritation, burning and tearing. Prolonged contact causes serious eye and tissue damage.
Indication of any immediate medical attention and special treatment needed	
Notes for the doctor	Treat symptomatically.

5. Fire-fighting Measures

Specific hazard :
Exposure to Fire may cause containers to rupture/explode.

Hazardous combustion products :
None.

Extinguishing media:
Suitable extinguishing media :
All known extinguishants can be used.

Specifc method :
If possible, stop fow of product Move away from the container and cool with water from a protected position.

Special protective equipment :
In opened space use self-contained breathing apparatus n is not considered a potential route of exposure.

6. Accidental Release Measures

Personal precautions :
Environmental precautions :
Try to up methods :
Ventilate area.
Evacuate area. Wear self-contained breathing apparatus when entering area unless atmosphere is provedstop release.Prevent from entering sewers, basements and workpits,or any place where its accumulation can be dangerous.

7. Handling and Storage

Storage :
Keep container below 50°C in a well ventilated place.

Handling :
Suck back of water into the container must be prevented.Do not allow backfeed into the container. Use only properly specified equipment which is suitable for this product, its supply pressure and temperature. Contact your gas supplier if in doubt. Refer to supplier's container handling instructions.

8. Exposure controls and personal protection

Control parameters: Occupational exposure limits

SODIUM HYDROXIDE:

Exposure controls: Protective equipment

Appropriate engineering controls	Not relevant.
Eye/face protection	The following protection should be worn: Chemical splash goggles or face shield.

Hand protection	Wear protective gloves. (Household rubber gloves.)
Other skin and body protection	Wear appropriate clothing to prevent any possibility of skin contact.
Respiratory protection	Respiratory protection not required.

9. Physical and chemical properties

Information on basic physical and chemical properties:

Appearance	Viscous liquid.
Colour	Clear. Colourless.
Odour	Characteristic.
pH	pH (concentrated solution): 13.80
Melting point	-3°C
Initial boiling point and range	102°C @ 760 mm Hg
Flash point	Boils without flashing.
Relative density	1.107 @ 20°C
Solubility(ies)	Soluble in water.

Other information:

Other information

None.

10. Stability and reactivity

Reactivity	Reactions with the following materials may generate heat: Strong acids.
Chemical stability Stability	No particular stability concerns.
Possibility of hazardous reactions	See sections 10.1,10.4 & 10.5
Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation.
Incompatible materials	Materials to avoid Strong acids. Aluminium, Tin, Zinc and their alloys.
Hazardous decomposition products	No known hazardous decomposition products.

11. Toxicological information

Information on toxicological effects:

Toxicological effects:

We have not carried out any animal testing for this product. Any ATE figures quoted below are from Toxicity Classifications that have been carried out using ATE (Acute Toxicity Estimate) Calculation Method using LD50 or ATE figures provided by the Raw Material Manufacturer.

12. Ecological information

Ecotoxicity	Potentially hazardous due to the alkalinity of the product.
Toxicity	We have not carried out any Aquatic testing, therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.
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	The product does not contain any substances expected to be bioaccumulating.
Mobility	Not known.
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
Other adverse effects	

13. Disposal considerations

Disposal methods:
Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer.
Larger volumes must be sent for disposal as special waste. Rinse out empty container with water and consign to normal waste.

14. Transport information

UN number:

UN No. (ADR/RID)	1824
UN No. (IMDG)	1824
UN No. (ICAO)	1824

UN proper shipping name:

Proper shipping name (ADR/RID)	SODIUM HYDROXIDE 10% SOLUTION
Proper shipping name (IMDG)	SODIUM HYDROXIDE 10% SOLUTION
Proper shipping name (ICAO)	SODIUM HYDROXIDE 10% SOLUTION
Proper shipping name (ADN)	SODIUM HYDROXIDE 10% SOLUTION

Transport hazard class(es):

ADR/RID class	Class 8: Corrosive substances.
ADR/RID label	8
IMDG class	Class 8: Corrosive substances.
ICAO class/division	Class 8: Corrosive substances.

Packing group:

ADR/RID packing group	II
IMDG packing group	II
ICAO packing group	II

Environmental hazards:
Environmentally hazardous substance/marine pollutant: No.
Special precautions for user:

EmS	F-A, S-B
Tunnel restriction code	(E)

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:
Not relevant. for a packaged product.

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:
EU legislation:
Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). The product is as classified under GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling &packaging of substances & mixtures. Ingredients are listed with classification under both CHIP - Directive 67/548/EEC -
classification, packaging & labelling of dangerous substances & GHS/CLP- Regulation (EC) No 1272/2008 classification,labelling & packaging of substances & mixtures.
Guidance
Workplace Exposure Limits EH40.

Chemical safety assessment:
No chemical safety assessment has been carried out as not applicable as this product is a mixture.

16. Other information

The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications usage in such may cause

risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer.

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