Material Safety Data Sheet

Kitchen Cleaner Heavy Duty (RXSOL-15-1663-005)

1. Product and Company Identifaction

Part Number	**RXSOL-15-1663-005**
Product Name	**Kitchen Cleaner HD**

Company Details:

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

Stock Point : Mumbai, Kandla, Kolkata, chennai, Visakhapatnam, Fujairah, Barka - Oman

Phone	+91 22 27815540-42
Fax	+91 22 2781 1318 ::AOH :0091 9821214367
Email	**mail@rxmarine.com**

2. Composition / informationon ingredients

Chemical Name	Concentration %	CAS Number
2-Butoxyethanol	3-10	111-76-2
Potassium Hydroxide	3-10	1310-58-3
Benzenesulfonic acid, C10-16-alkyl derivatives	3 -10	68584-22-5
Sodium xylene sulfonate	1-5	1300-72-7

*See Section 16

3. Hazards Identification

Odour	Butyl Odour
Appearance	Liquid, Straw Colour, soluble in water.
Contact with eyes	Risk of serious damage to eyes (R41).
Contact with skin	Mildly irritating to skin.
Inhalation	Vapours or aerosols may cause irritation of eyes, nose and respiratory tract.
Ingestion	The ingestion of significant quantities may cause gastro-intestinal disturbances.

4. First Aid Measures

Contact with skin	Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water
Contact with eyes	If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes.Seek medical advice
Ingestion	Never give anything by mouth to an unconscious person.Give plenty of water to drink Seek medical advice if necessary
Inhalation	Vapours or aerosols may cause irritation of eyes, nose and respiratory tract Remove patient to fresh air
General	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)

5. Fire-fighting Measures

- Non combustible
- Carbon oxides may be formed
- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

6. Accidental Release Measures

Personal Precautions	Wear protective clothing as per section 8.
Environmental Precautions	No special precautions are required for this product.
Immediate Actions	Shut off source of leak if safe to do so.
Clean Up Actions	Absorb spillage in suitable inert material.
	Flush spill area with copious amounts of water.
Special Precautions	Wear protective clothing as per section.

7. Handling and Storage

Handling	The usual precautions for handling chemicals should be observed Eyewash bottles should be available
Storage	Keep only in the original container in a cool, well ventilated place (S3/9/49) Protect from frost

8. Exposure controls and personal protection

Exposure Limits	There are no recommended or established controls for this product

Exposure controls	No special ventilation is required unless the product is used in a spray form
Occupational exposure controls	No respiratory protection is required unless subject to contact with substance mist Wear suitable protective clothing, including eye/face protection and gloves(plastic or rubber are.recommended)



Goggles

9. Physical and chemical properties

Odour	Butyl Odour
Appearance	Liquid, Strawe, soluble in water
pH	13.5 at 100 % concentration
Boiling point	100 °C at 760 mm /Hg
Vapour pressure	not known
Freezing point	0 °C at 760 mm/Hg
Completely soluble in water	
Specific gravity (water=1)	1.03
Non combustible	

10. Stability and reactivity

- This article is considered stable under normal conditions, No hazardous reactions known if used for its intended purpose
- See Section 5

11. Toxicological information

Toxicological information	No experimental data available.
Inhalation	Vapours or aerosols may cause irritation of eyes, nose and respiratory tract.
Contact with skin	In cases of severe exposure, irritation may develop.
Contact with eyes	Causes irritation. Can cause damage to the eyes.
Ingestion	Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

IARC: (International Agency for Research on Cancer)	Group 3: Not Classifiable as to its Carcinogenicity to Humans Reproductive Toxicity No information available. STOT - single exposure No information available. STOT - repeated exposure No information available. Aspiration Hazard No information available.
ACGIH:	(American Conference of Governmental Industrial Hygienists) A3 - Animal Carcinogen

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
2-Butoxyethanol =	470 mg/kg (Rat) =	400 mg/kg (Rabbit) = 2270 mg/kg (Rat)	= 2.21 mg/L (Rat) 4 h 450 ppm
Potassium hydroxide	= 214 mg/kg (Rat) -		
Benzenesulfonic acid, C10-16-alkyl derivatives	= 530 mg/kg (Rat) = 530 mg/kg	(Rat) -	
Sodium xylene sulfonate	= 7200 mg/kg (Rat) - -		

12. Ecological information

Ecotoxicity	This cleaning agent consists of readily biodegradable surfactants, all of which have only slight or moderate tocixity.
Mobility	Completely soluble in water
Persistence and Biodegradability	The components in this product are readily biodegradable.
Bioaccumulation Potential	Bioaccumulation of the components in this product is insignificant.
Other Adverse Effects	Presents little or no hazard to the environment

13. Disposal considerations

Classification	EU Waste class: -
Disposal considerations	Do not discharge into drains or the environment, dispose to an authorised waste collection point Disposal should be in accordance with local, state or national legislation

14. Transport information

UN-Number UN3266
Proper shipping name Corrosive liquid, basic, inorganic, n.o.s.
Hazard Class 8
Packing Group II
Reportable Quantity (RQ) Potassium hydroxide: RQ kg= 8071.11
Description UN3266, Corrosive liquid, basic, inorganic, n.o.s. (Potassium hydroxide), 8, II, RQ
Emergency Response Guide
Number154

15. Regulatory information

Risk Phrases	Risk of serious damage to eyes (R41)

Safety Phrases	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26).Wear suitable gloves and eye/face protection (S37/39)

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.*