



RXSOL

CHEMO PHARMA INTERNATIONAL

RXSOL-16-1039-025

Air Cooler Chemicals Plus

Material Safety Data Sheet (MSDS)

1. Product and Company Identification

www.rxmarine.com

Product Name	RXSOL-16-1039-025
Product Type	AIR COOLER CHEMICAL CLEANER - PLUS 25 Ltr

Company Details:

RX MARINE INTERNATIONAL

105, A wing , BSEL , TECH PARK.

VASHI ,NEW BOMBAY 400703 INDIA

Stock Point : Mumbai, Kandla, Ennore Chennai, Visakhapatnam, Kolkata, Surat, Fujairah

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2. Composition / Information on ingredients

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Chemical Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
Distillate(petroleum),hydrotreated, light	10-30	64742-47-8	265-149-8	65, 66	Xn
fattyalcoholethoxylate	10-30	34398-01-1	500-084-3	41	Xi
2-,2(butoxyethoxy)ethanol	5-10	112-34-5	203-961-6	36	Xi
2-ethylhexanoethoxylate	1-5	26468-86-0	polymer	41	Xi

*See Section 16

3. Hazards Identification

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Harmful

Odour	Solvent odour
Appearance	Liquid, pale yellow, soluble in water

Contact with eyes	Risk of serious damage to eyes (R41)
Contact with skin	Causes irritation, Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
Inhalation	Vapours or aerosols may cause irritation of eyes, nose and respiratory tract, In cases of severe exposure, shortness of breath may develop
Ingestion	Harmful: may cause lung damage if swallowed (R65)

4. First Aid Measures

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Contact with skin	Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water. Seek medical attention if irritation persists
Contact with eyes	If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes. Irrigate eyes thoroughly whilst lifting eyelids. When in doubt or symptoms persist, seek medical attention
Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. Give water or milk to drink
Inhalation	Keep warm and at rest, in a half upright position. Loosen clothing
General	When in doubt or symptoms persist, seek medical attention. Use good personal hygiene practices

5. Fire-fighting Measures

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- Non-flammable
- May give off noxious and toxic fumes in a fire
- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

6. Accidental Release Measures

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Personal Precautions	Wear protective clothing as per section 8.
Environmental Precautions	Do not flush spilt material into any public water system.
Immediate Actions	Use appropriate containment to avoid environmental contamination (S57)
Clean Up Actions	Absorb spillage in inert material and shovel up. Ventilate the area and wash spill site after material pick-up is complete.
Special Precautions	Wear protective clothing as per section 8.

7. Handling and Storage

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Handling	Use good personal hygiene practices. Avoid contact with skin and eyes (S24/25). Eyewash bottles should be available.
Storage	Keep only in the original container in a cool, well ventilated place (S3/9/49).

8. Exposure controls and personal protection

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Exposure Limits	No exposure limits have been set for this substance.
Exposure controls	No special ventilation is required unless the product is used in a spray form.
Occupational exposure controls	Wear goggles giving complete eye protection Wear plastic or rubber gloves Wear apron No respiratory protection is required unless subject to contact with substance mist.



Goggles



Gloves



Suit



No_Smoking

9. Physical and chemical properties

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Odour	Solvent odour
Appearance	Liquid, pale yellow, soluble in water
pH	9.3 - 10.3 at 100 % concentration
Boiling point	100 °C at 760 mm /Hg
Vapour pressure	not known
Vapour density	not applicable
Freezing point	0 °C at 760 mm/Hg
Completely soluble in water	
Specific gravity	(water=1) 0.93
Non-flammable	

10. Stability and reactivity

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- This article is considered stable under normal conditions.
- Avoid over heating, Keep away from frost.
- Decomposition products may include carbon oxides.

11. Toxicological information

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Toxicological information	No experimental data available
Inhalation	By comparison with analogous substances, it is concluded that it may be harmful
Contact with skin	May cause redness and irritation
Contact with eyes	May cause severe irritation
Ingestion	The ingestion of significant quantities may cause damage to lungs
Carcinogenicity	No evidence of carcinogenic effects

12. Ecological information

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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	No environmental problems are expected when the product is used / handled correctly.

13. Disposal considerations

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Classification	This material and/or its container must be disposed of as hazardous waste. EU Waste class: 07.01
Disposal considerations	Do not discharge into drains or the environment, dispose to an authorised waste collection point

14. Transport information

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- Not classified as hazardous for transport

15. Regulatory information

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- Repeated exposure may cause skin dryness or cracking (R66)
- Risk of serious damage to eyes (R41)

Safety Phrases:

- Do not breathe spray/mists (S23)
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26)
- If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label (S62)
- Wear suitable protective clothing, eye/face protection and gloves (S36/37/39)

16. Other information

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Text of R and S phrase codes used in this safety data sheet:- R36: Irritating to eyes; R41: Risk of serious damage to eyes; R65: Harmful: may cause lung damage if swallowed; R66: Repeated exposure may cause skin dryness or cracking. The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents. 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. Composition information in accordance with Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents:

Aliphatic hydrocarbons	15-30 %
Anionic surfactants	15-30 %
Amphoteric surfactants	<5 %

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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.

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