Material Safety Data Sheet

Air Cooler Chemical ACC-009 (RXSOL-16-1049-020)

1. Product and Company Identifaction

Product Name	**RXSOL-16-1049-020**
Product Type	AIR COOLER CLEANER-Lt Air Cooler Chemical ACC-009

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
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2. Composition / informationon ingredients

Chemical Name	Concentration	CAS Number	Symbols
Destillate(petroleum)Hydrotreated	10-30	64742-47-8	Xn
Fatty Alcohol Ethoxylate	10-30	34398-01-1	Xi
DICHLOROTOLUENE	>=50-60%	29797-40-8	Xn
2, 2 (Butoxyethoxy) Ethanol	5-10	112-34-5	Xi
DIESEL FUEL	>=30-40%	68476-34-6	Xn
2-Ethylhexanolethoxylate	1-5	26468-86-0	Xi
O-CHLOROTOLUENE	>=10-15%	95-49-8	Xn
COCONUT OIL DIETHANOLAMIDE	>=5-10%	8051-30-7	Xi
4-CHLOROTOLUENE	>=1.5-5%	106-43-4	Xn
NAPHTHALENE	>=0.1-0.5%	91-20-3	Xn

*See Section 16

3. Hazards Identification

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

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

- 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

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

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

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.

9. Physical and chemical properties

- Odour: Solvent odour
- Appearance: Liquid, pale yellow, soluble in water
- pH 9.3 - 10.3 at 100 % concentration
- Boiling point ~ (>)365 °F / 185 °C at 760 mm /Hg
- Vapour pressure - 3.000 hPa @ 122 °F / 50 °C Calculated Vapor Pressure
- Vapour density - (>)1 AIR=1
- Completely soluble in water
- Density (+/- 0.01) 1.030 g/cm3 @ 77.00 °F / 25.00 °C
- Flash point 155.98 °F / 68.88 °C Tag open cup
- Evapouration rate (>)1 Ethyl Ether

10. Stability and reactivity

- Thisarticleisconsideredstableundernormal conditions
- Avoidoverheating, Keepawayfromfrost
- Decompositionproductsmayincludecarbonoxides

11. Toxicological information

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

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

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

• Marine pollutant: No
• Transport/Additional information : Not dangerous .

DOT/TDG Land transport (ADR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

UN Number	Not Applicable
Proper shipping name	Noit Applicable
Hazard Class	Not Applicable
Packing group	Not Applicable
Special Provision	Not Applicable
Limited Quantity	Not Applicable

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

UN Number	**Not Applicable**
Proper shipping name	**Noit Applicable**
ICAO/IATA Hazard Class	**Not Applicable**
ICAO/IATA Packing group	**Not Applicable**
ICAO/IATASpecial Provision	**Not Applicable**
ICAO/IATA Limited Quantity	**Not Applicable**

IMDG/IMO Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

UN Number	Not Applicable
Proper shipping name	Noit Applicable
IMDG Hazard Class	Not Applicable
IMDG Packing group	Not Applicable
IMDG Special Provision	Not Applicable
IMDG Limited Quantity	Not Applicable

Transport in bulk according to Annex II of MARPOL and the IBC code : Not Applicable.

15. Regulatory information

- 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

Text of R and S p hrase 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 crac- king.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 %
Amphitricha surfactants	5 %

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