Material Safety Data Sheet

Coco Di Ethanol Amide (RXSOL-19-1903-075)

1. Product and Company Identifaction

Product Name	RXSOL-19-1903-075
Product Type	Coco Di Ethanol Amide
Revised date	27-04-2021

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / informationon ingredients

Chemical Entity	**Concentration**	**CAS Number**	Proportion (%)
Fatty acid diethanolamide	>80	68603-42-9	>80
Diethanolamine	10	111-42-2	10
Glycerol	10	56-81-5	10

*See Section 16

3. Hazards Identification

Odour	Smells of hydrocarbon.
Appearance	Liquid, colourless, insoluble in water.
Contactwith eyes	Causes irritation.
Contact with skin	Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis.
Inhalation	Wear full protective clothing and self-contained breathing apparatus.
Ingestion	The ingestion of significant quantities may cause nausea/vomiting, Harmful: may cause lung damage if swallowed (R65).
General	When heated to decomposition, may emit oxides of carbon and nitrogen. May also mit ammonia

4. First Aid Measures

Contact with skin	Remove contaminated clothing Wash affected area with plenty of soap and water Contaminated clothing should be laundered before reuse 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 Seek medical attention if irritation persists.
Ingestion	Do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention If vomiting occurs turn patient on side Give water or milk to drink Obtain immediate medical attention.
Inhalation	Remove patient to fresh air Keep warm and at rest, in a half upright position. Loosen clothing Seek medical attention if ill effects occur.
General	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45).

5. Fire-fighting Measures

- Auto-ignition point >200 deg C at 760 mm Hg.
- Lower flammability limit 0.6%(in air), Upper flammability limit 7%(in air), Flash point 63 deg C (CC).
- Decomposition products may include carbon oxides.
- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide (S43).
- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback.
- Keep container(s) exposed to fire cool, by spraying with water.

6. Accidental Release Measures

Personal Precautions	Wear protective clothing as per section 8.
Environmental Precautions	Do not allow to enter public sewers and watercourses.
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
Spills and Disposal, Methods and Materials for Containment and Clean Up Procedures	For small spills, use appropriate tools to put spilled material in a convenient waste disposal container. For large spills, use appropriate instruments to put the spilled material in a waste disposal container. Dispose of in accordance with regional regulations. Surface will be slippery after spillage.

7. Handling and Storage

Precautions for Safe Handling and Storage	Avoid contact with eyes, skin and clothing. DO NOT ingest. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands. Do not store near strong oxidants.
Storage	Keep container tightly closed, in a cool, well ventilated place (S3/7/9).Keep away from open flames, hot surfaces and sources of ignition.

8. Exposure controls and personal protection

Biological Limit Values	No biological limit allocated
Respiratory Protection	Wear appropriate respirator when ventilation is inadequate
Hand Protection	Use solvent resistant gloves. Nitrile, PVC or neoprene.


Respirator


Gloves


Goggles


Suit

9. Physical and chemical properties

Odour	Ammoniacal
Appearance	Light brown liquid
pH 10% solution	8.0-11
Boiling Point (°C)	>260
Vapour Pressure (mmHg @ 20°C):	0.1
Vapour Density (air = 1)	N/A
Freezing Point (°C):	N/A
Soluble in water	Soluble
Specific Gravity (g/ml @ 15°C):	1.00
Lower Flammability limit	N/A
Upper Flammability limit	N/A
Flash Point (°C)	94 (PMCC)
Auto Ignition Temperature (°C)	N/A
Log Pow	3.5 - 4.7
Viscosity	1.59 cST @ 25 deg C

10. Stability and reactivity

Chemical Stability: Stable under normal conditions of use.

Conditions to Avoid: Avoid heat, sparks, open flames and other ignition sources.

Incompatible Materials: Strong oxidising agents and Strong acids

Hazardous Decomposition Products: Burning can produce ammonia, carbon monoxide and/or carbon dioxide, and oxides of nitrogen.

11. Toxicological information

Swallowed	Oral rat LD50 2.0-5.0g/kg for fatty acid diethanolamide, 620ul/kg for diethanolamine Oral Rabbit 2200mg/kg for rabbit
Eye:	Iirritating to the eyes
Skin:	Repeated skin contact may cause a persistent irritation or dermatitis
Inhaled:	Irritates the nose and throat, may experience headache, nausea and drowsiness
Carcinogenicity	No evidence of carcinogenic effects.

12. Ecological information

Ecotoxicity	Avoid contaminating waterways
Mobility	Miscible with water
Persistance/Degradability	Biodegradable
Bioaccumulation Potential	Low bioaccumulation potential.
Adverse Effects	No environmental problems are expected when the product is used / handled correctly.In its intended use, the product will not be released into the environment.

13. Disposal considerations

Disposal Methods	Ensure waste disposal conforms to local waste disposal regulations.
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: NR

Class: NR

Packing Group: NR

Special Precautions for User:

- Proper Shipping Name: NA

- Subsidiary Risk: None allocated

- Hazchem Code: NA

15. Regulatory information

Poisons Schedule	5
AICS	Listed

16. Other information

The information sourced for the preparation of this document was correct and complete at the time or writing to the best of the writer’s knowledge. The document represents the commitment to the company’s responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product

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