



RXSOL

CHEMO PHARMA INTERNATIONAL

RXSOL-18-1168-180
ETHYL ACETATE

Material Safety Data Sheet (MSDS)

www.rxmarine.com

1. Product and Company Identification

Product Name	RXSOL-19-1168
Product Type	ETHYL ACETATE

Company Details:

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

Stock Point : Mumbai, Kandla, Chennai, Visakhapatnam, Kolkata, Fujairah UAE, Muscat Oman

Phone	+91 22 27815541 / 42
Fax	+91 22 2781 1318 ::::AOH :0091 9821214367
Email	mail@rxmarine.com

www.rxmarine.com

2. Composition / Information on ingredients

Chemical Name	CAS Number	EC Number	Index number
Ethyl Acetate	141-78-6	205-500-4	607-022-00-5

www.rxmarine.com

3. Hazards Identification

Hazard description:

- Information concerning particular hazards for human and environment:
At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.
R 11 Highly flammable.
R 36 Irritating to eyes.
R 66 Repeated exposure may cause skin dryness or cracking.
R 67 Vapours may cause drowsiness and dizziness.

www.rxmarine.com

4. First Aid Measures

After inhalation	Supply fresh air; consult doctor in case of complaints.
After skin contact	Generally the product does not irritate the skin.

After eye contact	Rinse opened eye for several minutes under running water.If symptoms persist, consult a doctor.
After swallowing	If symptoms persist consult doctor.

5. Fire-fighting Measures

www.rxmarine.com

Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

Protective equipment: No special measures required.

6. Accidental Release Measures

www.rxmarine.com

Person-related safety precautions: Not required.

Measures for environmental protection: Do not allow to enter sewers/ surface or ground water.

Measures for cleaning/collecting: Dilute with plenty of water.Ensure adequate ventilation.

7. Handling and Storage

www.rxmarine.com

Handling:

Information for safe handling: No special requirement

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Storage:

Requirements to be met by storerooms and receptacles: Store in a cool location.

Information about storage in one common storage facility: Not required.

Further information about storage conditions:

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles

8. Exposure controls and personal protection

www.rxmarine.com

Additional information about design of technical facilities: No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace:	
141-78-6 ethyl acetate	
PEL (USA) REL (USA) TLV (USA) WEL (Great Britain)	1400 mg/m ³ , 400 ppm 1400 mg/m ³ , 400 ppm 1440 mg/m ³ , 400 ppm Short-term value: 400 ppm Long-term value: 200 ppm

Additional information: The lists valid during the making were used as basis.

Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.Immediately remove all soiled and contaminated clothing Wash

hands before breaks and at the end of work. Avoid contact with the eyes. Avoid contact with the eyes and skin.

Respiratory protection: Not required.

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and

varies from manufacturer to manufacturer.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Tightly sealed goggles

9. Physical and chemical properties

www.rxmarine.com

General Information	
Form	Fluid
Colour	Colourless
Odour	Fruit-like
Change in condition	
Melting point/Melting range	-83.57°C
Boiling point/Boiling range	77-78°C
Flash point	-1°C
Ignition temperature	460°C
Danger of explosion	Product does not present an explosion hazard.
Explosion limits:	
Lower	2.1 Vol %
Upper	22 Vol %
Vapour pressure at 20°C	20°C: 97 hPa
Density at 20°C	0.9 g/cm ³
Solubility in / Miscibility with water at 20°C	79 g/l
Viscosity:	
Dynamic at 22°C	0.44 mPas

10. Stability and reactivity

www.rxmarine.com

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
Dangerous reactions No dangerous reactions known.
Dangerous decomposition products: No dangerous decomposition products known.

11. Toxicological information

www.rxmarine.com

Acute toxicity:		
LD/LC50 values relevant for classification:		
Oral Inhalative	LD50 LC50/4 h	5620 mg/kg (rabbit) 1600 mg/l (rat)
Primary irritant effect:		
on the skin	No irritant effect.	
on the eye	No irritating effect.	
Sensitization	No sensitizing effects known.	

12. Ecological information

www.rxmarine.com

General notes:

Water hazard class 1 (German Regulation) (Assessment by list):slightly hazardous for water
Do not allow product to reach ground water, water course or sewage system.

13. Disposal considerations

www.rxmarine.com

Product:

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

14. Transport information

www.rxmarine.com

Land transport ADR/RID (cross-border)		
	ADR/RID class	3 Flammable liquids.
	Danger code (Kemler)	33
	UN-Number	1173
	Packaging group	II
	Hazard label	3
	Description of goods	1173 ETHYL ACETATE
Maritime transport IMDG		
	IMDG Class	3
	UN Number	1173
	Label	3

	Packaging group	II
	EMS Number	F-E,S-D
	Marine pollutant	No
	Proper shipping name	ETHYL ACETATE
Air transport ICAO-TI and IATA-DGR		
	ICAO/IATA Class	3
	UN/ID Number	1173
	Label	3
	Packaging group	II
	Proper shipping name	ETHYL ACETATE

15. Regulatory information

www.rxmarine.com

- Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

- Code letter and hazard designation of product:

- Risk phrases:

11 Highly flammable.

36 Irritating to eyes.

66 Repeated exposure may cause skin dryness or cracking.

67 Vapours may cause drowsiness and dizziness.

- Safety phrases:

2 Keep out of the reach of children.

16 Keep away from sources of ignition - No smoking.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

33 Take precautionary measures against static discharges.

16. Other information

www.rxmarine.com

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

DISCLAIMER OF LIABILITY : The information in this SDS was obtained from sources which we believe are reliable. 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.

This Safety Data Sheet is provided by RXSOL. For the most current version of this document, please visit eastindiachemicals.com. This document is prepared in accordance with GHS / OSHA HazCom standards. The information contained herein is believed to be accurate but does not purport to be all-inclusive. It is the responsibility of the user to determine the suitability of this information for their application.