

1. Product and Company Identification

www.rxmarine.com

Product Name : RXSOL-19-1449-210
Product Type : TOLUENE Pure. C₆H₅.CH₃ 210 Ltr
Chemical Family : Aromatic Hydrocarbon
Product Description : Clear Colourless

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA
Stock Point ::: Kandla, Mumbai, Kolkata, Chennai, Visakhapatnam, Fujairah

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

2. Composition / Information on ingredients

www.rxmarine.com

Name	CAS#	% by Weight
Toluene	F, Xn, R11, R20	99.89

3. Hazards Identification

www.rxmarine.com

Health Hazards	Harmful by Inhalation
Physical / Chemical And Fire Exploslon	From Flamable Mixtures.

4. First Aid Measures

www.rxmarine.com

Inhalation, Skin Contact, Eye Contact, Ingestion.

5. Fire-fighting Measures

www.rxmarine.com

Procedure Use Water Spray To Cool Fire Exposed, Surfaces, Protect Personal, and Shut Of "Fuel" to Fire.Allow Fire To Burn Conditions, Extinguish With Alcohol Type Foam or Dry Chemical. Cover Liquid Spill With Foam.

6. Accidental Release Measures

www.rxmarine.com

- Eliminate Ignition Sources. Prevent Liquid Enters Seawars, Water Sources, Low Area.
- Spill With Sand Earth . Dilute Contalend Spill With Water. Dispose Recover Material Conforms To local Regulation.
- Keep Public Away.

7. Handling and Storage

www.rxmarine.com

Storage / Transport Tempreture : Amblent	Loading / Unloading Trempreture: Amblent
Loading / Unloading Viscosity: 0.64	Storage / Transport Pressure: Atmospheric
Electrostatics Accumulation Hazards: Yes	Shipping Containers: Rall Wagons, Tanks Trucks, Tankers, Burges, Drums.

Materials Suitable : Carbon Steel, Stainless Steel, Polyesters, Materials Unsuitable: Natural Rubber, Butyl Rubber, EPDM, Polystyrene, Polyethylene, Polypropylene, Teflon.

Chloride, Polyacrylonitrile.

- Keep Container Closed, Store Cool And Well Ventilated, Open Slowly To Control Released Pressure.
- Keep Away From Flame, Direct Sunlight, Store Cool And Well Ventilated.
- Do Not Reuse Empty Containers W/O Cleaning. Observe all Precautions For Empty Containers.

8. Exposure controls and personal protection

www.rxmarine.com

Engineering Control Measures / Ventilation	Use Local Exhaust Ventilation To Control process. Provide Mechanical Ventilation Of Confined Spaces. Use Local Exhaust Ventilation Equipment.
Occupational Exposure Limits (OEL) Values	TWA; 50ppm (188mg/m ³) (Skin) ACGIH (2000).
Personal Protection	Vapor Respirator, Gloves, Goggles, Full Suit, Footwear.

9. Physical and chemical properties

www.rxmarine.com

Physical State	: Liquid	Form / Color	: Clear Colorless
Odor	: Hydrocarbon Odor	Odor Threshold	: N/A
pH	: N/A	Freezing / Melting Point	: 95°C
Boiling Point Range	: 110-111°C	Flash Point (TCC ASTM D 56)	: 5°C
Explosive Limits (In Air)	: 1.3-6.7 vol%	Vapor Pressure (38°C)	: 7kPa
Auto Ignition Temperature	: >630°C	Density (15°C)	: 0.865 kg / dm ³
Specific Gravity (15.0 / 15.0)	: 0.865	Vapor Density (101.3kPa/air=1)	: >1.00
Solubility In Water (25°C)	: 0.05 WT%	Material Hydroscopic	: No
Viscosity (26°C)	: 0.64cSt	Evaporation Rate (n- Bu Acetate=1)	: 2,400
Coeff. Of Thermal Expansion (Liq)	: 0.00106°C	Molecular Weight	: 92

10. Stability and reactivity

www.rxmarine.com

Hazardous Polymerization: No	Condition To Avoid Polymerization : NA
Stability : Stable	Condition To Avoid Instability : NA
Materials and Conditions To Avoid: Strong Oxidizing agents	
Hazardous Decomposition Products : None	

11. Toxicological information

www.rxmarine.com

Inhalation	Irritating to Eyes and Respiratory tract, dizziness, central nervous System Effects. Negligible Hazard between -18°C to 18°C.
Skin Contact	Dry Skin, Low Order Of Toxicity.
Eye Contact	Cause Eyes Discomfort But Will Not Injure Eye Issue.
Ingestion	Minimal Toxicity, Small Amounts May Cause bronchopneumonia or Pulmonary edema.

12. Ecological information

www.rxmarine.com

Environmental Mobility	Highly Volatile and Will rapidly evaporate To The air If released Into The Water.
Environmental Degradability	Biodegrade Rapidly, Remove In Wastewater Treatment Facility.
Ecotoxicity and Bioaccumulation	Expected to Be Harmful to Aquatic Organisms

13. Disposal considerations

www.rxmarine.com

- Combine With Other Materials To Indicate another Route Of Disposal
- Recycle, Recover Or Dispose Empty Drums Through a Suitably Qualified Or Licensed Contractor.
- Ensure Compliance With National And Local Regulation.
- Not Suitable For Disposal either Landfill or via municipal sewers, Drains, Natural Streams or Rivers, This Product is ash less and can be burned

directly in appropriate equipment.

- Contact Local Transmare Chemical Company Supplier Or Local Authorities for More Information.

14. Transport information

www.rxmarine.com

	Land	Sea
Class	3	3
Pg	II	II
Un Number	1294	1294
Subsidlary Risk	Nil	Nil
Transport Document Name	Toluene, Glass3, UN 1294, PG II, (5°C c.c.)	
Others	Hazchem Code : 3YE	Marine Pollutant : No EMS Number : F-E. S-D Risk Label 3

15. Regulatory information

www.rxmarine.com

Classification And Laeling
Classification / Symbol : Highly Flammable / F
Classification / Symbol : Harmful / Xn

Governing Directive : Dangerous Substances
Directive 67 / 648 / EC
Label Name : Toluene

Nature Of Special Risk:
R11: Highly Flammable
R20 Harmful By Inhalation

Safety Advise:
S07 / 09 : Keep Container Close & Well Ventilated.
S16 : Keep Away From Sources Of Ignition.
S25 : Avoid Eye Contact.
S29 : Do Not Empty Into Drains.
S33 : Take Precautionary Measures Against Static Discharges.
S43A :In Case Of Fire, Use Sand, Earth, Chemical Powder Alcohol Type Foam.

16. Other information

www.rxmarine.com

Since 07 July 2007, This MSDS Has Been Revised In Section (s) 2, 14, 15. This Information Relateds Only To The Material Designated And May Not Be Valid For Such Information Is To The Best Of Knowledge And Believed Accurate And Reliable As Of The Date Indicated. However, no Representation, Warranty Or Guarentee Is Made as to Its Accuary, Reliability of Completeness. It Is The User's Responsibility to satesfy himself as to the suitability and completeness of such Information for his Own Particular Use.

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.