



RXSOL

VARANASI CHEMICAL | RX MARINE INTERNATIONAL

RXSOL-19-1319-025
HEXENE 2

Material Safety Data Sheet (MSDS)

www.rxmarine.com

1. Product and Company Identification

Chemical Family: Product Description:

Product Name	:	RXSOL-20-1201-025
Product Type	:	Toluene Lab Grade 2.5 Ltrs / 5 Ltr Bottle

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

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2. Composition / Information on ingredients

Name	CAS#	% by Weight
Toluene	F, Xn, R11, R20	100

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3. Hazards Identification

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

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4. First Aid Measures

Inhalation, Skin Contact, Eye Contact, Ingestion.

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5. Fire-fighting Measures

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

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

7. Handling and Storage

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Storage / Transport Temperature : Ambient	Loading / Unloading Temperature: Ambient
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 Still, Polyesters, Teflon.	Materials Unsuitable: Natural Rubber, Butyl Rubber, EPDM, Polystyrene, Polyethylene, Polypropylene, Polyvinyl 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/OCleaning. Observes all Precautions For Empty Containers.	

8. Exposure controls and personal protection

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

9. Physical and chemical properties

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Physical State	:	Liquid	Form / Color	:	Clear Colorless
Odor	:	Hydcarbon 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 Presure (38*c)	:	7kPa
Auto Ignition Temperture	:	>630* c	Density (15*c)	:	0.865 kg / dm
Specific Gravity (15.0 / 15.0)	:	0.865	Vapour Density (101.3kPa/air=1)	:	>1.00
Solubility In Water (25*c)	:	0.05 WT%	Material Hydroscope	:	No
Viscosity (26*c)	:	0.64cST	Evaporator Rate (n- Bu Acetate=1)	:	2,400

Coeff, Of Thermal Expansion (Liq)	:	0.00106*c	Molecular Weight	:	92
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10. Stability and reactivity

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

11. Toxicological information

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Inhalation	Irritating to Eyes and Respiratory tract, dizziness, central nervous System Effects. Negligible Hazard between -18*c to 38*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

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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

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- Combine With Other Materials To Indicate another Route Of Disposal
- Recycle, Recover Or Dispose of 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 ashless and can be burned directly in appropriate equipment.
- Contact Local Transmare Chemical Company Supplier Or Local Authorities for More Information.

14. Transport information

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	Land	Sea	Air
Class	3	3	3
Pg	II	II	II
UN Number	1294	1294	1294
Subsidiary Risk	Nil	Nil	Nil
Transport Document Name	Toluene, Glass3, UN 1294, PG II, (5*C c.c.)	Toluene, Glass3, UN 1294, PG II, (5*C c.c.)	Toluene

Others	Hazchem Code: 3YE	Marine Pollutant: No EMS Number: F-E. S-D Risk Label 3	
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15. Regulatory information

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Classification And Labelling 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

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Since 07 July 2007, This MSDS Has Been Revised In Section (s) 2, 14, 15. This Information Related 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 Guarantee Is Made as to Its Accuracy, Reliability of Completeness. It Is The User's Responsibility to satisfy himself as to the suitability and completeness of such Information for his Own Particular Use.

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