

## 1. Product and Company Identification

www.rxmarine.com

Product Name : RXSOL-60-1202-025  
Product Type : Toluene AR  
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](mailto:mail@rxmarine.com)

## 2. Composition / Information on ingredients

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

## 3. Hazards Identification

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

## 4. First Aid Measures

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Inhalation, Skin Contact, Eye Contact, Ingestion.

## 5. Fire-fighting Measures

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

## 6. Accidental Release Measures

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- Eliminate Ignition Sources. Prevent Liquid Enters Sewers, 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

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Storage / Transport Tempreture : Amblent  
Loading / Unloading Viscosity: 0.64  
Electrostatics Accumulation Hazards: Yes

Loading / Unloading Trempreture: Amblent  
Storage / Transport Pressure: Atmospheric  
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

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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 <sup>3</sup> ) (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	: 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 <sup>3</sup>
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

## 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 Decomposition 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 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

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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 Empty Drums Through a Suitably Qualified Or Licenced 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

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	Land	Sea
Class	3	3
Pg	II	II
Un Number	1294	1294
Subsidary 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

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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

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