



RXSOL

VARANASI CHEMICAL | RX MARINE INTERNATIONAL

RXSOL-19-1908-050

Sodium Benzoate

Material Safety Data Sheet (MSDS)

www.rxmarine.com

1. Product and Company Identification

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

www.rxmarine.com

2. Composition / Information on ingredients

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

www.rxmarine.com

3. Hazards Identification

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

www.rxmarine.com

4. First Aid Measures

Inhalation, Skin Contact, Eye Contact, Ingestion.

www.rxmarine.com

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.
-----------	---

6. Accidental Release Measures

www.rxmarine.com

- 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

www.rxmarine.com

Storage / Transport Temperture : Amblent	Loading / Unloading Tremperature: 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 Still, Polyesters, Teflon.	Materials Unsuitable: Natural Rubber, Butyl Rubber, EPDM, Polyestylene, Polyethylene, Polyproplene, Polvinyl Chloride, Polyacylonitrite.
- 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. Obserevs all Precauations 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 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

www.rxmarine.com

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	Moiecular Weight	:	92

10. Stability and reactivity

www.rxmarine.com

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

11. Toxicological information

www.rxmarine.com

Inhalation	Irritating to Eyes and Respiratory tract, diziness, central nervous System Effects. Negllgble 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 bronchpneumonia or Pulmonary edema.

12. Ecological information

www.rxmarine.com

Enviromental Mobility	Highly Volatile and Will rapidly evaporate To The air If released Into The Water.
Enviromental Degradability	Biodegrade Rapidly, Remove In Wastewalar 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 Roule 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 eighter Landfill or via muncipal sewers, Drains , Naturals Streams or Rivers, This Product is ash less and can be burned directly in aproprate eqiptment.
- Contact Local TRansmare Chemical Company Supplier Or Local Authorities for More Information.

14. Transport information

www.rxmarine.com

	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	

15. Regulatory information

www.rxmarine.com

Classification And Labeling 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 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.

This Safety Data Sheet is provided by RXSOL. For the most current version of this document, please visit varanasichemical.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.