

Section 1. Product and Company Identification

Item Number.: s2444-1
 Common Name.: Xylene Aniline 50:50
 Intended Use : In Vitro Diagnostic use. Laboratory Use Only
 IN CASE OF EMERGENCY, CONTACT: CHEMTREC (24HR) 800-424-9300

Manufacturer.: Poly Scientific R&D Corp.

70 Cleveland Ave
 Bay Shore NY 11706

polyrnd@polyrnd.com

Section 2. Hazard Identification

227 Flammable Liquids Cat 4
 301 Acute toxicity, oral Cat 3
 311 Acute toxicity,dermal Cat 3
 317 Sensitiser, Skin Cat
 318 Serious eye damage/eye irritation Cat 1
 331 Acute toxicity,inhalation Cat 3
 335 Specific target organ toxicity, single exposure; Respiratory tract irritation Cat 3
 341 Germ cell mutagenicity Cat 2
 350 Carcinogenicity Cat 1A, 1B
 372



Danger

Combustible liquid. Toxic if swallowed.

Toxic in contact with skin.

May cause an allergic skin reaction.Causes serious eye damage. Toxic if inhaled. May cause respiratory irritation. Suspected of causing genetic defects. May cause cancer. Causes damage to CNS, Kidneys and Liver.

Suspected of causing genetic defects.

May cause drowsiness or dizziness.

Causes damage to organs through prolonged or repeated exposure

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands/skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use in only well-ventilated area. In case of inadequate ventilation wear respiratory protection. Avoid breathing dust/fume/gas/mist/vapours/spray. Keep away from heat/sparks/open flames/hot surfaces. - No smoking IF exposed or concerned: Get medical attention/advice. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician. IF ON SKIN: Remove/Remove/Remove immediately all contaminated clothing. Wash with plenty of soap and water. Wash contaminated clothing before reuse If skin irritation or rash occurs: Get medical advice/attention. Call a POISON CENTER or doctor/physician if you feel unwell. IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth

In case of fire: Use CO₂, dry chemical, or foam for extinction. Store locked up, in a well-ventilated place. Keep container cool and tightly closed.

Dispose of contents/container to an approved waste disposal plant.

Hazards not otherwise covered by GHS: None

Section 3. Composition Information

Exposure Limits(A blank value indicates no information available) The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Component	CAS#	PEL(mg/m3)	STEL(mg/m3)	CEIL(mg/m3)	Concentration Range
Aniline	62-53-3		2.00		25-50%
Xylene	1330-20-7	651.00	434.00		25-50%

Section 4. First Aid Measures

Eye Contact : Check for and remove contact lenses. Wash with large amounts of water for 15 minutes. Seek medical attention.

Skin Contact : Remove contaminated clothing and shoes. Wash the affected area with large with soap and water. Seek medical attention

Ingestion : Give two glasses of water to a conscious victim. Do not induce vomiting. Seek medical attention

Inhalation : Move person to fresh air. If necessary give CPR; warning this could pose a risk of exposure to the rescue breather. Seek medical attention

The most important known symptoms and effects are described in section 2 and/or section 11.

Section 5. Fire Fighting Measures

Extinguishing Media.: Use Water Fog, Foam, Dry Chemical or CO₂.

Special Fire and Explosion Remarks.: N/A

Section 6. Accidental Release Measures

Spill Cleanup and Disposal Special.: Warning! Flammable! Eliminate all ignition sources. Reduce vapors with water spray. Take up with sand or other absorbent material

Spill Cleanup.: Take up spills with absorbent material and containerize for proper disposal. Use proper PPE as per section 8. Provide ventilation.

Section 7. Handling and Storage

Storage and Handling Special.: N/A

Storage and handling.: Keep container tightly closed. Store in a cool, dry area and protect from physical damage

Section 8. Exposure Controls/Personal Protection

Personal Protective Equipment.: Safety Glasses, Gloves, Vapor Respirator

This information is provided as a guide but proper PPE can only be determined by the end user and their situation.

Engineering Controls.: Provide local exhaust ventilation to keep the airborne concentrations of vapors below their respective threshold limit values. Ensure that eyewash stations and safety showers are local to the work-station.

Section 9. Physical and Chemical Properties

Appearance.....	Colorless liquid	Evaporation Rate.....	N/A	Water Soluable?	Yes
Odor.....	Hydrocarbon	Upper Flammability Limit (%):	N/A	Volatile Percent	100
Odor Threshold	N/A	Lower Flammability Limit (%):	N/A	Partition Coefficient	n-octanol/water: N/A
pH	N/A	Specific Gravity (@20C)	0.87	Auto Ignition Temp.	N/A
Melting Point.....	N/A	Vapor Pressure (mm Hg).....	21	Decomposition Temp.....	N/A
Boiling Point	N/A	Vapor Density (Air=1)	3.7	Viscosity	N/A
Flash Point (F) TCC.....	N/A	Relative Density	N/A		

Section 10. Stability and reactivity

Special Remarks on Stability...: Stable

Special Remarks on Reactivity...: N/A

Water Reactive.: No

Section 11. Toxicological Information

Routes of Entry.: Inhalation, Skin Absorption, Ingestion

Animal Toxicity.: Xylene: 70-80% (Mixed Isomers) Acute Oral (ld50) 4.3 g/kg (Rat) Acute Dermal (LD50) >3.95 ml/kg (Rabbit) 16-20% Ethylbenzene Acute Oral (LD50)3.5 gm/kg (Rat) Acute Dermal (LD50) 17.8 gm/kg (Rabbit) 0.3-1.5% Toluene Acute Oral (L50) 5 gm/kg (Rat) Acute Dermal (LD50) 14 gm/kg (Rabbit); Aniline: Acute Oral (LD50) 250 mg/kg (Rat) Acute Dermal

Human Toxic Effects.: Target Organs:Eyes, Skin, Respiratory System, CNS, Liver, Blood, Reproductive System, GI Tract

Potential Acute Health Effects...: Hazardous in case of inhalation, eye contact, skin contact, ingestion

Potential Chronic Health Effects...: Xylene: IARC Code 3; Aniline: IARC Code 3

Section 12. Ecological Information

Ecological Information.: N/A

Section 13. Disposal Considerations

Waste Disposal.: Dispose of in accordance with local,state and federal laws.

Section 14. Transport Information

DOT Identification.: UN1307,Xylenes, 3,III

Section 15. Regulatory Information

State Regulations.: New York release reporting list: Xylene (Mixed), Aniline

Component	CAS#	Sara Section 311 Reporting								SARA302	SARA313	CERCLA	RCRA
		Acute	Chronic	Fire	Pressure	Reactive							
Aniline	62-53-3	No	No	No	No	No	No	No	No	No	No	No	No
Xylene	1330-20-7	No	No	No	No	No	No	Yes	Yes	Yes	No	No	No

Section 16. Other Information

Review Date : 3/15/2023

Reviewed by : Admin

MSDS Group Id.: 239

Notice: This SDS applies only to the material as packaged. If the material is altered by any means it may pose risks not mentioned here.

It is the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use.

While this SDS is based on reliable technical data, Poly Scientific R&D Corp. assumes no responsibility for the completeness or accuracy of the information contained herein.