

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** XYLENE  
**MANUFACTURER:** INCREDIBLE PRODUCTS LLC.  
**ADDRESS:** 1601 MCKINLEY RD. ST. MARY'S, OH 45885  
**INFORMATION PHONE:** 567-297-3700  
**EMERGENCY PHONE:** 800-424-9300  
**REVISION DATE:** MARCH 11, 2022

**SECTION 2: HAZARDOUS INFORMATION****Classification:**

**Skin Irritation-** Category 2  
**Eye Irritation-** Category 2  
**Respiratory Sensitizer (Solid/Liquid)-** N/A  
**Skin Sensitizer-** N/A  
**Carcinogenicity-** N/A

**Pictograms:****Signal Word:** Danger**Hazardous Statements - Health:**

May be fatal if swallowed and enters airways  
May cause respiratory irritation  
May cause drowsiness or dizziness  
May cause damage to organs through prolonged or repeated exposure  
H320 - May cause eye irritation  
H315 - May cause skin irritation  
H317 - May cause an allergic skin reaction  
H333 - May be harmful if inhaled

**Precautionary Statements - General:**

Flammable liquid and vapor  
P101 - If medical advice is needed, have a product container or label at hand.  
P102 - Keep out of reach of children.  
P103 - Read label before use.

**Precautionary Statements - Prevention:**

P264 - Wash thoroughly after handling.  
Use only outdoors or in a well-ventilated area  
Keep container tightly closed  
Ground/bond container and receiving equipment  
Use only non-sparking tools  
Take precautionary measures against static discharge  
P210 - Keep away from heat/sparks/open flames/hot surfaces.  
P264 - Wash thoroughly after handling.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.  
P284 - wear respiratory protection.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.

**Precautionary Statements - Response:**

P332 + P313 - If skin irritation occurs: Get medical advice/attention.  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 - If eye irritation persists: Get medical advice/attention.  
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P342 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER/doctor.  
P302 + P352 - IF ON SKIN: Wash with plenty of water.  
P333 + P313 - If skin irritation or a rash occurs: Get medical advice/attention.  
P321 - Specific treatment (see section 4 on this SDS).  
P362 + P364 - Take off contaminated clothing. And wash it before reuse.  
P308 + P313 - IF exposed or concerned: Get medical advice/attention.

**SECTION 2: HAZARDOUS INFORMATION (CONT.)****Precautionary Statements - Storage:**

Keep container tightly closed  
Use explosion-proof electrical/ventilating/lighting equipment  
Take precautionary measures against static discharge  
Keep cool  
P405 - Store locked up

**Precautionary Statements - Disposal:**

P501 - Dispose of contents/ container to an approved waste disposal plant

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS No	Weight %
o-Xylene	95-47-6	>95

**SECTION 4: FIRST AID MEASURES****Inhalation:**

Remove the source of exposure or move the person to fresh air and keep them comfortable for breathing. If experiencing respiratory symptoms:  
Call a POISON CENTER/doctor. If not breathing, give artificial respiration.  
Get medical attention if symptoms occur. Risk of serious damage to the lungs (by aspiration).

**Skin Contact:**

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Gently blot away excess product. Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before re-use or discard. IF exposed or concerned: Get medical advice/attention.

**Eye Contact:**

Remove the source of exposure or move the person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention. Avoid direct contact.  
Wear chemical protective gloves, if necessary.

**Ingestion:**

Clean the mouth with water and drink plenty of water. Do NOT induce vomiting. Call a physician or poison control center immediately. If vomiting occurs naturally, have the victim lean forward. Immediately call a POISON CENTER/doctor.

**SECTION 5: FIRE FIGHTING MEASURES****Suitable Extinguishing Media:**

Water spray, carbon dioxide (CO<sub>2</sub>), dry chemical, alcohol-resistant foam. Water mist may be used to cool closed containers.

**Unsuitable Extinguishing Media:**

Extinguishing Media Do not use a solid water stream as it may scatter and spread fire

**Specific Hazards in Case of Fire:**

Flammable. Containers may explode when heated. Vapors may form explosive mixtures with air. Vapors may travel to the source of ignition and flash back.

**Fire-fighting Procedures:**

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from the immediate hazard area if it can be done safely. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

**Special Protective Actions:**

Wear NIOSH approved self-contained breathing apparatus in positive pressure mode with full-face piece. Boots, gloves (neoprene), goggles, and full protective clothing are also required. Care should always be exercised in dust/mist areas.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****Emergency Procedure:**

Keep unnecessary people away; isolate hazard areas and deny entry. Do not touch or walk through spilled material. Take precautionary measures against static discharges. Clean up immediately. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Soak up with inert absorbent material. Keep in suitable, closed containers for disposal. Use spark-proof tools and explosion-proof equipment

**Recommended Equipment:**

Positive pressure, full-face piece self-contained breathing apparatus (SCBA), or positive pressure supplied air respirator with escape SCBA (NIOSH approved).  
Personal Precautions: Avoid breathing vapors. Avoid contact with skin, eyes or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

**Environmental Precautions:**

Should not be released into the environment. See Section 12 for additional Ecological Information. Avoid release to the environment. Collect spillage.  
Do not flush into surface water or the sanitary sewer system.

## SECTION 7: HANDLING AND STORAGE

### General:

- Wash hands after use. Do not get in eyes, on skin or on clothing.
- Do not breathe vapors or mists.
- Use good personal hygiene practices.
- Eating, drinking and smoking in work areas is prohibited.
- Remove contaminated clothing and protective equipment before entering eating areas.
- Use only non-sparking tools.
- Take Precautionary measures against static discharges.

### Ventilation Requirements:

- Use only with adequate ventilation to control air contaminants to their exposure limits.

### Storage Room Requirements:

- Keep containers tightly closed in a dry, cool and well-ventilated place.
- Keep away from heat, sparks and flame.
- Flammables area. Keep container(s) tightly closed and properly labeled.
- Store away from heat, direct sunlight, strong oxidizers and any incompatibilities.
- Store in approved containers and protect against physical damage. resealed to prevent leakage.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH IDLH	Mexico OEL (TWA)
o-Xylene	TWA: 100 ppm STEL: 150 ppm		IDLH: 900 ppm TWA: 100 ppm TWA: 435 mg/m <sup>3</sup> STEL: 150 ppm STEL: 655 mg/m <sup>3</sup>	TWA: 100 ppm STEL: 150 ppm

### Legend

**ACGIH** - American Conference of Governmental Industrial Hygienists

**NIOSH IDLH: NIOSH** - National Institute for Occupational Safety and Health

### Eye Protection:

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for the entire face, use it in combination with a face shield.

### Skin Protection:

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, and dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

### Respiratory Protection:

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect workers, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers. When airborne concentrations exceed or are expected to exceed the TLV, use MSHA/NIOSH approved positive pressure supplied air respirator with a full-face piece or an air supplied hood. For emergencies, use a positive pressure self-contained breathing apparatus. Air purifying (cartridge type) respirators are not approved for protection against isocyanates.

### Appropriate Engineering Controls:

Handle in accordance with good industrial hygiene and safety practice.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Odor:** Aromatic

**Melting Point/Range:** -25 °C / -13 °F

**Boiling Point/Range:** 143 - 145 °C / 289.4 - 293 °F

**Flash Point:** 31 °C / 87.8 °F

**Evaporation Rate:** 0.7

**Flammability or Explosive Limits:** Upper 6.7 vol % / Lower 0.9 vol %

**Vapor Pressure:** 882 Pa @ 25 °C

**Vapor Density:** 3.7

**Specific Gravity:** 0.884

## SECTION 10: STABILITY AND REACTIVITY

**Stability:**

Stable.

**Conditions to Avoid:**

Incompatible products. Excess heat. Keep away from open flames, hot surfaces, and sources of ignition.

**Hazardous Reactions/Polymerization:**

Will not occur

**Incompatible Materials:**

Strong oxidizing agents, Strong acids

**Hazardous Decomposition Products:**

 Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

## SECTION 11: TOXICOLOGICAL INFORMATION

**Acute Toxicity**
**Product Information**
**Component Information**

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
o-Xylene	LD50 = 3608 mg/kg ( Rat )	14100 mg/kg (Rabbit)	LC50 = 4330 ppm ( Rat ) 6 h

**Toxicologically Synergistic** No information available

**Products**
**Delayed and immediate effects as well as chronic effects from short and long-term exposure**
**Irritation** Irritating to eyes and skin

**Sensitization** No information available

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen

Component	CAS	No	IARC	NTP	ACGIH	OSHA	Mexico
o-Xylene	95-47-6	Not listed					

**Mutagenic Effects** No information available

**Reproductive Effects** No information available.

**Developmental Effects** No information available.

**Teratogenicity** No information available

**STOT - single exposure** Respiratory system Central nervous system (CNS)

**STOT - repeated exposure** Liver

**Aspiration hazard** Category 1

**Symptoms / effects, both acute and delayed** Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting

**Endocrine Disruptor Information** No information available

**Other Adverse Effects** The toxicological properties have not been fully investigated

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity**

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Do not empty into drains. The Product contains following substances which are hazardous for the environment

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
o-Xylene	EC50: = 4.7 mg/L, 72h static (Pseudokirchneriella subcapitata)	LC50: 16.1 mg/L/96h (Lepomis macrochirus) LC50: 13 mg/L/24h (Carassius auratus)	EC50 = 0.0084 mg/L 24 h	EC50: 0.78 - 2.51 mg/L, 48h Static (Daphnia magna) EC50: 2.61 - 5.59 mg/L, 48h Flow through) EC50: = 3.2 mg/L, 48h (Daphnia magna)

**Persistence and Degradability** Insoluble in water Persistence is unlikely based on information available

**Bioaccumulation/ Accumulation** No information available.

**Mobility** Will likely be mobile in the environment due to its volatility.

Component	log Pow
o-Xylene	3.12

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal:**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

**SECTION 14: TRANSPORTATION INFORMATION**

**DOT**

**UN-No** UN1307 P

**Proper Shipping Name** XYLENES

**Hazard Class** 3

**Packing Group** III

**TDG**

**UN-No** UN1307

**Proper Shipping Name** XYLENES

**Hazard Class** 3

**Packing Group** III

**IATA**

**UN-No** UN1307

**Proper Shipping Name** XYLENES

**Hazard Class** 3

**Packing Group** III

**IMDG/IMO**

**UN-No** UN1307

**Proper Shipping Name** XYLENES

**Hazard Class** 3

**Packing Group** III

**SECTION 15: REGULATORY INFORMATION**

**United States of America Inventory**

Component	CAS No	TSCA	TSCA Inventory Notification Active-Inactive	TSCA - EPA Regulatory - Flags
o-Xylene	95-47-6	X	ACTIVE	

**Legend:**

**TSCA** US EPA (TSCA) - Toxic Substances Control Act, (40 CFR Part 710)

X - Listed

-- - Not Listed

**TSCA 12(b)** - Notices of Export Not

**International Inventories** Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Philippines (PICCS), Japan (ENCS), Japan (ISHL), Australia (AICS), China (IECSC), Korea(KECL).

Component	CAS No	DSL	NDSL	EINECS	PICCS	ENCS	ISHL	AICS	IECSC/KECL
o-Xylene	95-47-6	X -		202-422-2	X	X	X	X	XKE-35429

**KECL** - NIER number or KE number (<http://ncis.nier.go.kr/en/main.do>)

**U.S. Federal Regulations**

**SARA 313**

Component	CAS No	Weight %	SARA 313 - Threshold Values %
o-Xylene	95-47-6	>95	1.0

**SARA 311/312 Hazard Categories** See section 2 for more information

**CWA (Clean Water Act)**

**Component CWA - Hazardous CWA - Reportable CWA - Toxic Pollutants CWA - Priority Pollutants Table**

**Substances Quantities**

**o-Xylene X - - -**

**Clean Air Act**

Component	HAPS Data Class	1 Ozone Depletors	Class 2 Ozone Depletors
o-Xylene	X -		

**OSHA** - Occupational Safety and Health Administration Not applicable

**CERCLA** This material, as supplied, contains one or more substances regulated as a hazardous

substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

**Component** **Hazardous Substances RQs** **CERCLA EHS RQs**

o-Xylene 1000 lb -

**SECTION 15: REGULATORY INFORMATION (CONT.)**

**California Proposition 65** This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

Component	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
o-Xylene	X	X	X	X	-

**U.S. Department of Transportation**

Reportable Quantity (RQ): Y

DOT Marine Pollutant: N

DOT Severe Marine Pollutant: N

**U.S. Department of Homeland Security** This product does not contain any DHS chemicals.

**Other International Regulations**

**Mexico - Grade** No information available

**Authorisation/Restrictions according to EU REACH**

Component	REACH (1907/2006) - Annex XIV - Substances Subject to Authorization	REACH (1907/2006) - Annex XVII REACH Restrictions on Certain Dangerous Substances	Regulation (EC 1907/2006) article 59 - Candidate List of Substances Of Very High Concern (SVHC)
o-Xylene -		Use restricted. See item 75. - (see link for restriction details)	

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

Component	CAS No	OECD HPV	Persistent Organic Pollutant	Ozone Depletion Potential	Restriction of Hazardous Substances (RoHS)
o-Xylene	95-47-6	Listed	Not applicable	Not applicable	Not applicable
<b>Component</b>		<b>CAS No Seveso III Directive (2012/18/EC) - Qualifying Quantities for Major Accident Notification</b>	<b>Seveso III Directive (2012/18/EC) - Qualifying Quantities for Safety Report Requirements</b>	<b>Rotterdam Convention (PIC)</b>	<b>Basel Convention (Hazardous Waste)</b>
o-Xylene	95-47-6	Not applicable	Not applicable	Not applicable	Not applicable

**SECTION 16: OTHER INFORMATION**

**DISCLAIMER**

The information contained herein is based on the data available and is believed to be accurate, however, the manufacturer makes no warranty expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Accordingly, we assume no responsibility for injury from the use of this product.