

# Material Safety Data Sheet

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## Section 1 General Information

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**Manufacturer:**

Zinsser Company, Inc.  
173 Belmont Drive  
Somerset, NJ 08875  
(732) 469-8100

**Emergency Telephone: Chemtrec (800) 424-9300****Date: May 18, 2006****Product Name:** Parks Xylol**Product Codes:**  
5 Gallon #2732  
Gallon #2733  
Quart #2735

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## Section 2 Hazardous Ingredients

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<u>Hazardous Component</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Xylene	1330-20-7	100 ppm	100 ppm 150 ppm (STEL)
Ethyl Benzene	100-41-4	100 ppm	100 ppm 125 ppm (STEL)
Toluene	108-88-3	200 ppm 300 ppm (Ceiling)	50 ppm

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## Section 3 Hazard Identification

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**Emergency Overview:** This product is a clear liquid with an aromatic odor and flash point of 81°F.**Primary Routes of Exposure:**

Skin Contact  
Eye Contact  
Inhalation

**Potential Acute Health Effects:****Eye:** Contact may cause eye irritation.

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**Skin:** May cause skin irritation. Repeated or prolonged contact with skin may cause dermatitis.

**Ingestion:** May be harmful if swallowed. This material may pose an aspiration hazard. Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis. The substance may cause effects on the central nervous system. This substance may cause gastrointestinal tract distress and central nervous system depression.

**Inhalation:** High vapor concentrations may be irritating to the eyes, nose, throat and lungs.

**Potential Chronic Health Effects:** The substance may defat the skin. This substance may have effects on the central nervous system.

Target Organ: Eyes, skin, respiratory system, central nervous system.

(See also Sections 4, 8, and 11 for related information)

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## Section 4 First Aid Measures

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**Eye contact:** Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation persists.

**Skin contact:** Wash thoroughly with soap and water. Get medical attention if irritation develops or persists.

**Ingestion:** If swallowed, Contact a physician or Poison Control Center. This material may pose an aspiration hazard. Do Not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. The symptoms of chemical pneumonitis often do not become manifest until a few hours have passed and they are aggravated by physical effort. Rest and medical observation is therefore essential.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

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## Section 5 Fire Fighting Measures

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**Flash Point (method):** 81°F TCC

**Extinguishing Media:** Foam, Dry Chemical, Water Fog, CO<sub>2</sub>

**Protection of Firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, NIOSH and full protective gear. Evacuate area and fight fire from safe distance.

**LEL:** 1.0%

**UEL:** 7.0%

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## Section 6 Accidental Release Measures

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**Clean Up Methods:** Eliminate all ignition sources. Keep unnecessary people away. Dike and contain spill with inert material (sand, earth, etc.). Transfer liquid to containers for recovery or disposal, or absorb with absorbent materials and place into containers for disposal. Keep spill out of sewer and open bodies of water. Floors may be slippery; care should be exercised to avoid falls during clean up operations

(See also Section 8 for information on Exposure Controls and Personal Protective Equipment)

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## Section 7 Handling and Storage

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**Handling:** Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. All 5 gallon pails and larger metal containers, including tank cars and tank trucks should be grounded and/or bonded when material is transferred. Hydrocarbon solvents are basically non-conductors of electricity and can become electrostatically charged during mixing, filtering or pumping at high flow rates. If this charge reaches a sufficiently high level, sparks can form that may ignite the vapors of flammable liquids. Personnel should avoid inhalation of vapors. Personal contact with the product should be avoided. Should contact be made, remove saturated clothing and flush affected areas with water

**Warning:** Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperature and pressure, or sudden ingress of air into vacuum equipment, may result in ignitions without the presence of obvious ignition sources. Published "auto-ignition" or "ignition" temperature values cannot be treated as safe operating temperatures in chemical processes without analysis of the actual process conditions. Any use of this product in elevated temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions.

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## Section 8 Exposure Controls / Personal Protection

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**Engineering Controls:** Use in well-ventilated areas. If necessary use mechanical local exhaust ventilation or general room dilution ventilation to reduce vapor concentrations.

### **Personal Protective Equipment (PPE):**

**Eye Protection:** Prevent eye contact. Wear chemical splash goggles or similar eye protection if the potential exists for eye contact.

**Skin Protection:** Prevent skin contact. Wear chemical-resistant flexible-type gloves (neoprene, PVC, butyl, nitrile or similar). Depending on conditions of use additional protective equipment may be necessary such as face-shield, apron or coveralls.

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**Respiratory Protection:** None required for normally expected use conditions. If occupational exposure limits are exceeded or if irritation is experienced, wear an appropriate NIOSH approved respirator with organic vapor cartridges.

**General Hygiene Practices:** Wash after handling material. Prevent Eye contact. Avoid prolonged skin and inhalation contact. Wash thoroughly before handling food, cosmetics, or before smoking. Remove contaminated clothing and launder before reuse.

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## Section 9 Physical Data

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**Appearance:** Clear

**Odor:** Aromatic

**Physical State:** Liquid

**pH:** N/D

**Boiling Point:** 280-285°F

**Melting Point:** N/D

**Vapor Pressure:** 6.0 mmHg @ 68°F

**Vapor Density:** Heavier than air.

**Viscosity:** N/D

**Solubility in Water:** Negligible

**Specific Gravity (water = 1):** 0.870

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## Section 10 Stability and Reactivity

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**Stability:** Stable.

**Hazardous Polymerization:** Will not occur

**Hazardous Decomposition Products:** Thermal decomposition in the presence of air may yield CO and/or CO<sub>2</sub>.

**Conditions to Avoid:** Heat, sparks, open flame, fire and all other sources of ignition.

**Incompatibility:** Strong oxidizing agents, strong acid or bases.

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## Section 11 Toxicological Information

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**Carcinogenicity:** The following ingredients are present at greater than 0.1% and are classified by IARC, NTP, or regulated by OSHA as carcinogenic:

<u>Ingredient</u>	<u>CAS #</u>	<u>IARC</u>	<u>NTP</u>	<u>OSHA</u>
Ethyl Benzene	100-41-4	Yes	N/A	N/A

(See also Section 15 for related information)

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## Section 12 Ecological Information

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**Chemical Fate and Effects:** None known

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## Section 13 Disposal Considerations

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**RCRA Hazardous Waste:** This material, when discarded or disposed of, could be a hazardous waste according to federal regulations (40 CFR 261) due to characteristics of ignitability (D001). The transportation, storage, treatment, and disposal of this waste must be conducted in compliance with 40 CFR 262,263,264,268, and 270. Disposal can only occur in properly permitted facilities. Check state and local regulations for any additional requirements as these may be more restrictive than federal laws and regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate, or otherwise inappropriate.

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## Section 14 Transportation Information

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**Regulated by the DOT:** Yes

**DOT Proper Shipping Name:** Xylenes

**UN / NA Number:** UN1307

**Hazard Class:** 3

**Packing Group:** III

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## Section 15 Regulatory Information

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**CERCLA:**

The Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification to the National Response Center for releases of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQs) in 40 CFR 302.4 (for CERCLA 102).

Components present in this product at a level which could require reporting under the statute are:

<u>Chemical Name</u>	<u>CAS#</u>	<u>Maximum Concentrations (Wt. %)</u>
Xylene	1330-20-7	79-82%
Ethyl Benzene	100-41-4	18-20%
Toluene	108-88-3	1%

**SARA Title III, section 311/312:**

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The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355 (used for SARA 302, 304, 311 and 312).

Components present in this product at a level which could require reporting under the statute are:

<u>Chemical Name</u>	<u>CAS#</u>	<u>Maximum Concentration (Wt. %)</u>
None	N/A	N/A

**SARA Title III, section 313:**

The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313).

Components present in this product at a level which could require reporting under the statute are:

<u>Chemical Name</u>	<u>CAS#</u>	<u>Maximum Concentrations (Wt. %)</u>
Xylene	1330-20-7	79-82%
Ethyl Benzene	100-41-4	18-20%
Toluene	108-88-3	1%

**TSCA:**

The components of this mixture are listed in the Toxic Substance Control Act Inventory of Chemical Substances.

This product does contain chemicals that require export notification under Section 12(b) of the TSCA regulation.

<u>Chemical Name</u>	<u>CAS#</u>	<u>Maximum Concentrations (Wt. %)</u>
Xylene	1330-20-7	79-82%

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**Section 16 Other Information**

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| <b>Legend:</b> N/A: Not Applicable   | N/D: Not Determined                                 |
| N/E: Not Established   | N/R: Not Required                                   |
| <b>cps:</b> Centipoise   | <b>KU:</b> Krebs Units                              |
| <b>STEL:</b> Short Term Exposure Limit   | <b>C:</b> OSHA Ceiling Value                        |
| <b>PPM:</b> Parts Per Million  | <b>PPB:</b> Parts Per Billion                       |
| <b>PEL:</b> Permissible Exposure Limit   | <b>TLV:</b> Threshold Limit Value                   |
| <b>TWA:</b> Time Weighted Average  | <b>mg/m<sup>3</sup>:</b> Milligrams per cubic Meter |
| <b>mppcf:</b> Million particles per cubic foot of air.                         |   |
| <b>ACGIH:</b> American Conference of Governmental Industrial Hygienists        |   |
| <b>OSHA:</b> Occupational Safety and Health Administration (US Dept. of Labor) |   |
| <b>RCRA:</b> Resource Conservation and recovery Act                            |   |
| <b>SARA:</b> Superfund Amendment and Reauthorization Act                       |   |

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**TSCA: Toxic Substance Control Act**  
**FHSA: Federal Hazardous Substance Act**

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