

# MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

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## SECTION 1

SUNNYSIDE CORPORATION  
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EMERGENCY TELEPHONE

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FOR INFORMATION:

(847) 541-5700

- SUNNYSIDE CORPORATION  
- CHEM TREC

Product Class: Mixed Solvents  
Trade Name: T R P S

Manufacturer's Code:  
NPCA HMIS:

770  
Fire: 2  
Health: 2  
Reactivity: 0

Product Appearance and Odor: Clear, colorless liquid; aromatic hydrocarbon odor.

## SECTION 2 -- HAZARDOUS INGREDIENTS

### OCCUPATIONAL EXPOSURE LIMITS

INGREDIENT	CAS #	PERCENT	ACGIH TLV (TWA)	ACGIH TLV (STEL)	OSHA PEL (TWA)	OSHA PEL (STEL)	VAPOR PRESSURE
Light Aromatic Solvent Naphtha	64742-95-6		Not. Est.	Not. Est.	Not. Est.	Not. Est.	(10 MM Hg @ 25° C.
Trimethylbenzene	95-63-6		25 PPM		25 PPM	Not available	
Xylene	1330-20-7		100 PPM *(A4)	150 PPM *(A4)	100 PPM	150 PPM	7 MM Hg @ 20° C.
Cumene	98-82-8		50 PPM (SKIN)		50 PPM (SKIN)		Not available
Ethyl Benzene	100-41-4		100 PPM	125 PPM	100 PPM	125 PPM	Not available
Mineral Spirits	64742-88-7		100 PPM (For Stoddard Solvent - CAS #8052-41-3)		100 PPM		2.0 MM Hg @ 20° C.

\*Not classifiable as a Human Carcinogen: Agents which cause concern that they could be carcinogenic for humans but which cannot be assessed conclusively because of a lack of data.

## SECTION 3 -- EMERGENCY AND FIRST AID PROCEDURES

Eye Contact:	Flush eyes with large amounts of water until irritation subsides. Get medical attention.
Skin Contact:	Remove contaminated clothing/shoes and wipe excess from skin with water. Follow by washing with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned.
Inhalation:	Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.
Ingestion:	If swallowed, do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention.

## SECTION 4 -- PHYSICAL DATA

The following data represent approximate or typical values. They do not constitute product specifications.

Boiling Range:	302-401° (F)	Vapor Density:	Heavier than air
Evaporation Rate:	Slower than ether	% Volatile By Volume:	100%
Weight Per Gallon:	6.78 lbs.		
Solubility in Water:	Negligible		

**SECTION 5 -- FIRE AND EXPLOSION DATA**

Flammability Classification:	Combustible Liquid Class II.
Flash Point:	102° (F) (Minimum-Tag, Closed Cup).
Autoignition Temperature:	445° F (Approximate)
Lower Explosive Limit:	0.9% (estimated).
Extinguishing Media:	Carbon dioxide, foam, dry chemical, water spray. Do not use direct water stream; it will spread fire.
Unusual Fire and Explosion Hazards:	Do not store or mix with strong oxidants.
Special Fire Fighting Procedures:	Use air-supplied rescue equipment for enclosed areas. Cool exposed containers with water.

**SECTION 6 -- HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE: EFFECTS OF OVEREXPOSURE	Not established for mixture. See Section 2.
Acute	
Eye Contact:	Liquid is slightly irritating to the eyes. High vapor concentrations may be irritating.
Skin Contact:	Liquid is slightly irritating to the skin. Prolonged or repeated liquid contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis. Skin contact may aggravate an existing dermatitis condition.
Inhalation:	High vapor concentrations may be irritating to the nose, throat and respiratory tract and may cause central nervous system depression.
Ingestion:	Ingestion of product may result in vomiting; aspiration (breathing) of vomitus into the lungs must be avoided as even small quantities may result in aspiration pneumonia.
Chronic Effects:	Repeated skin contact may aggravate an existing dermatitis (skin condition). Pre-existing eye and respiratory disorders may be aggravated by exposure to this product. This product contains Ethyl Benzene. A draft report on a study conducted by the National Toxicology program states that lifetime inhalation exposure of rats and mice to concentrations of Ethyl Benzene (750 ppm) resulted in increases in certain types of cancer, including kidney tumors in rats and lung and liver tumors in mice. These effects were not observed in animals exposed to lower concentration of Ethyl Benzene (75 ppm or 250 ppm). The draft report does not address the relevance of these results to humans. The International Agency for Research on Cancer has evaluated ethylbenzene and classified it as a possible human carcinogen (Group 2B) based on sufficient evidence for carcinogenicity in experimental animals, but inadequate evidence for cancer in exposed humans.
Carcinogenicity:	This product has not been identified as a carcinogen by NTP, IARC, or OSHA.

**SECTION 7 -- REACTIVITY DATA**

Stability:	Stable
Conditions to Avoid:	Heat, sparks and flame.
Incompatibility (Materials to Avoid):	Strong oxidizing agents like liquid chlorine or concentrated oxygen.
Hazardous decomposition products:	Thermal decomposition may yield carbon monoxide.
Hazardous Polymerization:	Will not occur.

**SECTION 8 -- SPILL OR LEAK PROCEDURES**

Steps to be taken in case material is spilled or released: Remove ignition sources, evacuate area, avoid breathing vapors or contact with liquid. Recover free liquid or stop leak if possible. Dike large spills and use absorbent material for small spills. Keep spilled material out of sewers, ditches and bodies of water.

Waste disposal method: Incinerate under safe conditions; dispose of in accordance with local, state and federal regulations.

**SECTION 9 -- SAFE HANDLING AND USE INFORMATION**

Respiratory Protection:	Appropriate vapor canister, self-contained breathing apparatus or supplied-air hose mask, if needed.
Ventilation:	Sufficient, in volume and pattern, to keep workroom concentration below current applicable OSHA safety and health requirement. See section 2. Use explosion-proof equipment. No smoking.
Protective Gloves:	Rubber or neoprene.
Eye Protection:	Chemical safety goggles.
Other Protective Equipment:	Impervious clothing or boots, if needed.

### SECTION 10 -- SPECIAL PRECAUTIONS

Dept. of Labor Storage Category:	Combustible Liquid Class II.
Hygienic Practices:	Keep away from heat, sparks and open flame. Keep containers closed when not in use. Avoid eye contact. Avoid prolonged or repeated contact with skin. Wash skin with soap and water after contact.
Additional Precautions:	Ground containers when transferring liquid to prevent static accumulation and discharge. Additional information regarding safe handling of products with static accumulation potential can be ordered by contacting the American Petroleum Institute (API) for API Recommended Practice 2003, entitled "Protection Against Ignitions Arising Out of Static, Lighting, and Stray Currents" (American Petroleum Institute, 1720 L Street Northwest, Washington, DC 20005), or the National Fire Protection Association (NFPA) for NFPA 77 entitled "Static Electricity" (National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101).
Empty Container Warning:	"Empty" containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks or other sources of ignition. They may explode and cause injury or death. Do not attempt to clean since residue is difficult to remove. "Empty" drums should be completely drained, properly bunged and promptly returned to supplier or disposed of in an environmentally safe manner and in accordance with governmental regulations.

### SECTION 11 -- ADDITIONAL INFORMATION

This product contains the following toxic chemical(s) which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

TOXIC CHEMICAL	CAS #	APPROXIMATE % BY WEIGHT
1,2,4 - Trimethylbenzene	95-63-6	13.68%
Xylene	1330-20-7	1.28%
Cumene	98-82-8	0.64%
Ethylbenzene	100-41-4	0.21%

SARA Title III Hazard Categories: Immediate (Acute) Health, Delayed (Chronic) Health, Fire

Common Names: Petroleum Hydrocarbon blend of Aliphatic and Aromatic Hydrocarbon Solvents

California Proposition 65: This product contains trace amounts of Benzene, a chemical known to the State of California to cause cancer, and Toluene, a chemical known to the State of California to cause birth defects or other reproductive harm.

TRANSPORTATION (U.S. D.O.T land transportation in packages of 119 gallons or less.  
Not regulated as D.O.T hazardous material.

Refer to 49 CFR for additional information.