

# MATERIAL SAFETY DATA SHEET

CYPAR 7 TF



## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**MANUFACTURER:** Tarr, LLC  
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**PRODUCT NAME:** CYPAR 7 TF

**PRODUCT NUMBER:** CY7TF


**UPC NUMBER:**

**PREPARED BY:** Patricia Rodabaugh

**DATE PREPARED:** 12/15/2004

**LAST REVISION:** 10/9/2000

**SYNONYMS:**



Portland, Oregon  
Phoenix, Arizona  
Auburn, Washington  
Vancouver, Washington

**Print Date:** 12/15/2004

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Weight %	OSHA PEL	ACGIH TLV	NOTE
Cypar (TM) 7**	64742-89-8	71-75	400 ppm	400 ppm	
Isobutyl acetate	110-19-0	25-29	150 ppm	150 ppm	

## 3. HAZARDOUS IDENTIFICATION

**EMERGENCY OVERVIEW:** WARNING! Flammable liquid and vapor. Harmful or fatal if swallowed. Vapor harmful.

### POTENTIAL HEALTH EFFECTS

**EYE CONTACT:** Moderately irritating to the eyes.

**INHALATION:** May cause mild irritation to the nose, throat and respiratory tract and may result in central nervous system (CNS) depression.

**INGESTION:** Ingestion may result in vomiting; aspiration (breathing) of solvent or vomitus into the lungs must be avoided as even small quantities may result in aspiration pneumonitis.

**SKIN CONTACT:** Liquid is moderately irritating to the skin. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

### SIGNS AND SYMPTOMS OF EXPOSURE:

Early to moderate CNS depression may be evidenced by giddiness, headache, dizziness, and nausea; in extreme cases, unconsciousness and death may occur. Aspiration pneumonitis may be evidenced by coughing, labored breathing and cyanosis.

## 4. FIRST AID MEASURES

**EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. If irritation occurs, get medical attention.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel. Get medical attention immediately.

**INGESTION:** Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention.

**SKIN CONTACT:** Remove contaminated clothing/shoes. Flush skin with water. Follow by washing with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned.

**AGGRAVATED MEDICAL CONDITIONS:**

Preexisting skin and eye conditions may be aggravated by exposure to this product.

**SUPPLEMENTAL HEALTH INFORMATION:**

Kidney effects in male rats was the only significant toxic effect observed in rats, mice, hamsters, and dogs exposed for 1 year to 2000 ppm of an essentially similar product vapor. The kidney effect appeared consistent with male rat hydrocarbon nephropathy which is on questionable significance to human health. No increase in tumor formation was observed in rats, mice, hamsters and dogs exposed for 1 year to 2000 ppm of an essentially similar product vapor. This study was of shorter duration than is typical for cancer bioassays.

**5. FIRE FIGHTING MEASURES**

**FLAMMABLE PROPERTIES**

**FLASH POINT:** 20 F

**FLASH POINT METHOD USED:** Tag Closed Cup

**AUTOIGNITION:** NDA

**LEL:** 0.014 **UEL:** 0.09

**EXTINGUISHING MEDIA:**

Use water fog, "alcohol" foam, dry chemical, or CO2. Do not use a direct stream of water. Product will float and can be reignited on surface of water.

**SPECIAL FIRE FIGHTING PROCEDURES:**

WARNING. Flammable Liquid. Clear fire area of unprotected personnel. Do not enter confined fire space without full bunker gear, including a positive pressure NIOSH approved SCBA. Cool fire exposed containers with water.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large amounts of water as needed to prevent weakening of container structure.

**COMBUSTION PRODUCTS:**

Carbon monoxide and unidentified organic compounds may be formed during combustion.

**6. ACCIDENTAL RELEASE MEASURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:**

WARNING. Flammable. Ventilate area of leak or spill. Remove all sources of ignition. Handling equipment must be bonded and grounded to prevent sparking. Clean-up personnel require protective clothing and respiratory protection from vapors. Only specially trained or qualified personnel should handle the emergency.

**7. HANDLING AND STORAGE**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Keep away from heat, sparks, and flame. Surfaces that are hot may ignite even liquid product in the absence of sparks or flame. Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until all vapors are gone. Vapors may accumulate and travel to ignition sources distant from the handling site; flash-fire can result. Keep containers closed when not in use. Use with adequate ventilation. Containers, even those that have been emptied, can contain explosive vapors. Do not cut, drill, grind, weld or perform similar operations on or near containers. Do not pressurize drum containers to empty them. Static electricity may accumulate and create a fire hazard. Ground fixed equipment. Bond and ground transfer containers and equipment.

**OTHER PRECAUTIONS:**

KEEP OUT OF REACH OF CHILDREN! Empty containers retain product residue and can be dangerous. Do not pressurize, cut weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks static electricity, or other sources of ignition.

**8. EXPOSURE CONTROL/PERSONAL PROTECTION**

**RESPIRATORY PROTECTION:**

If exposure may or does exceed occupational exposure limits (Sec. 2) use a NIOSH approved respirator to prevent overexposure. In accord with

29 CFR 1910.134 use either an atmosphere-supplying respir. or an air-purifying respir. for organic vapors.

**VENTILATION:**

Provide exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

**PROTECTIVE GLOVES:**

Wear resistant gloves (consult your safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

**EYE PROTECTION:**

Use chemical safety goggles and/or full face shield where splashing is possible. Contact lenses should not be worn when working with this material. Maintain eye wash fountain and quick-drench facilities in work areas.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**

Where splashing is possible, full chemically resistant protective clothing (e.g., acid suit) and boots are required.

**WORK / HYGENIC PRACTICES:**

Use good personal hygiene when handling this product. Wash hands after use, before eating, drinking, smoking, or using the toilet.

**ENGINEERING CONTROLS:**

Facilities storing or utilizing this material should be equipped with and eyewash facility and a safety shower.

**EXPOSURE GUIDELINES:**

May be harmful or fatal if swallowed. May irritate body tissues. Use with adequate ventilation. Avoid breathing vapor. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**SOLUBILITY IN WATER:** Solubility negligible in water

**APPEARANCE AND ODOR:** Light colored liquid. Hydrocarbon odor.

<b>BOILING POINT:</b>	208 F	<b>PERCENT VOLATILE:</b>	
<b>VAPOR PRESSURE:</b>	20 - 124	<b>PH:</b>	
<b>EVAPORATION RATE:</b>	Slower than ether	<b>MOLECULAR WEIGHT:</b>	
<b>POUNDS PER GALLON:</b>	6.61	<b>VAPOR DENSITY:</b>	Heavier than air
<b>SPECIFIC GRAVITY:</b>	6.33	<b>OTHER PROPERTIES:</b>	
<b>MELTING POINT:</b>	NDA		
<b>FREEZING POINT:</b>	NDA		

**10. STABILITY AND REACTIVITY**

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Avoid heat, sparks, flame and contact with strong oxidizing agents. Do not store or handle in aluminum equipment at temperatures above 120 deg. F.

**INCOMPATIBILITY:**

Strong oxidizers.

**HAZARDOUS DECOMPOSITION OR BY PRODUCTS:**

Carbon monoxide and unidentified organic compounds may be formed during combustion.

**HAZARDOUS POLYMERIZATION:** May Occur

**CONDITIONS TO AVOID:** Avoid heat, flame, and other sources of ignition.

## 11. TOXICOLOGY INFORMATION

Laboratory studies have shown that petroleum distillates may cause kidney, liver, or lung damage. reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

## 12. ECOLOGICAL INFORMATION

Avoid uncontrolled releases of this material. Where spills are possible, a comprehensive spill response plan should be developed and implemented.

## 13. DISPOSAL CONSIDERATIONS

The preferred options for disposal are to send to licensed reclaimers, or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water.

## 14. TRANSPORTATION INFORMATION

<b>DOT Proper Shipping Name:</b>	Petroleum distillates, n.o.s. (n-Heptane, isobutyl acetate)	<b>PACKING GROUP:</b>	II
<b>HAZARD CLASS:</b>	3	<b>GUIDE NUMBER:</b>	128
<b>UN NUMBER:</b>	UN 1268	<b>DOT CLASS:</b>	Flammable liquid

## 15. REGULATORY INFORMATION

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state. Heptane, N- (CAS no: 142-82-5), 4-5%, CA haz. subst. list; CA65C, CA65R; CA65C/R: CA safe drinking water and toxics enforcement act of 1986 or Prop. 65 list.

## 16. OTHER INFORMATION

**HMIS INFORMATION:**   **HEALTH:** 2   **FLAMMABILITY:** 3   **REACTIVITY:** 0   **PROTECTIVE:** H

### SARA Title III Information:

**SARA 302:** To the best of our knowledge, none of the chemicals in this product are listed as an Extremely Hazardous Substance under Section 302 of SARA Title III nor does this product contain any other such substances.

**SARA 311/312:** This product should be reported as an immediate (acute) health hazard, delayed (chronic) health hazard, and a fire hazard.

**SARA 313:** To the best of our knowledge, chemicals in this product are not listed as toxic chemicals under Section 313 of SARA Title III.

**N/A = Not Applicable**

**NDA = No Data Available**

### Disclaimer

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