

# MATERIAL SAFETY DATA SHEET

## BLANKET WASH 25

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**MANUFACTURER:** Tarr, Incorporated  
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**EMERGENCY PHONE:** **CHEMTREC 800-424-9300 (US) Day or night**  
International Call Collect CHEMTREC 202-483-7616

**PRODUCT NAME:** **BLANKET WASH 25**

**PRODUCT NUMBER:** BW25

**UPC NUMBER:**

**PREPARED BY:** Patricia Rodabaugh

**DATE PREPARED:** 3/23/2001

**LAST REVISION:** 2/23/2001

**SYNONYMS:**

# Tarr

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

**Print Date:** 10/15/2004

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Weight %	OSHA PEL	ACGIH TLV	NOTE
Solvent naphtha, light aromatic	64742-95-6	57-67	N/A	N/A	Contains the following 4 constituents:
Xylenes	1330-20-7	4-5	100 ppm	100 ppm	
Trimethylbenzene	526-73-8	24-25	25 ppm	25 ppm	
Cumene	98-82-8	1-2	50 ppm	50 ppm	
Ethyl benzene	100-41-4	<1	100 ppm	50 ppm (skin)	
Hydrotreated heavy Naphtha	64742-48-9	1	100 ppm	100 ppm	
Ethylene oxide	75-21-8	1-3	*	1ppm(.18 mg/m3)	

### 3. HAZARDOUS IDENTIFICATION

**EMERGENCY OVERVIEW:** COMBUSTIBLE. Harmful or fatal if swallowed - can enter lungs and cause damage. May cause eye and skin irritation or injury.

#### 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:** Irritating to the gastrointestinal tract, causing abdominal pain and vomiting, sometimes bloody. Ingestion may cause CNS depression, low blood pressure, rapid heart beat and liver damage.

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

**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 eye, skin and respiratory disorders may be aggravated by exposure to this product. Impaired function from preexisting disorders may be aggravated by exposure to this product.

**SUPPLEMENTAL HEALTH 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.

## **5. FIRE FIGHTING MEASURES**

### **FLAMMABLE PROPERTIES**

**FLASH POINT:** 104 F

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

**AUTOIGNITION:**

**LEL:** 0.005 **UEL:** 0.07

**EXTINGUISHING MEDIA:**

Use water fog, "alcohol" foam, dry chemical, or CO2.

**SPECIAL FIRE FIGHTING PROCEDURES:**

The use of SCBA is recommended for firefighters. Water spray may used to cool containers exposed to heat or flame.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

When heated above the flash point this material emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mist or spray may be flammable at temperatures below the flash point.

**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:**

Remove all sources of ignition and provide ventilation. Wear protective equipment as given in Section 8. Dike around large spills to prevent spreading. Absorb small spills with inert material (clay, sand). Prevent contamination of surface waters.

## **7. HANLDING 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.

**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:**

Test data indicate the best protection is provided by neoprene, nitrile, and natural rubber gloves.

**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:**

Use this material only in well ventilated areas.

**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:** Soluble in most organic solvents, slightly miscible in water

**APPEARANCE AND ODOR:** Clear, water-white liquid with characteristic odor.

<b>BOILING POINT:</b>	313 - 360 F	<b>PERCENT VOLATILE:</b>	100
<b>VAPOR PRESSURE:</b>	2.9	<b>PH:</b>	
<b>EVAPORATION RATE:</b>	Slower than ether	<b>MOLECULAR WEIGHT:</b>	
<b>POUNDS PER GALLON:</b>	6.6	<b>VAPOR DENSITY:</b>	Heavier than air
<b>SPECIFIC GRAVITY:</b>	0.739 - 0.789	<b>OTHER PROPERTIES:</b>	
<b>MELTING POINT:</b>			
<b>FREEZING POINT:</b>			

**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:**

Acids and excessive heat.

**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**

This product may contain benzene (CAS No. 71-43-2) at a concentration less than 10 ppm.

## 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>	Combustible liquid, n.o.s. (naphtha)	<b>PACKING GROUP:</b>	III
<b>HAZARD CLASS:</b>	Combustible liquid	<b>GUIDE NUMBER:</b>	128
<b>UN NUMBER:</b>	NA 1993	<b>DOT CLASS:</b>	Combustible Liquid

## 15. REGULATORY INFORMATION

SARA Title III Categories: 1. Immediate (Acute) Health Affects: YES 2. Delayed (Chronic) Health Effects: YES 3. Fire Hazard: YES 4. Sudden Release of Pressure Haz.: NO 5. Reactivity Hazard: NO

## 16. OTHER INFORMATION

**HMS INFORMATION:** **HEALTH:** 2 **FLAMMABILITY:** 2 **REACTIVITY:** 0 **PROTECTIVE:** H

### SARA Title III Information:

**SARA 302:** Ethylene oxide is listed.

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

**SARA 313:** Xylene (1330-20-7), ethyl benzene (100-41-4), toluene (108-88-3), benzene (71-43-2) Trimethylbenzene, 1,2,3,- (526-73-8)

N/A = Not Applicable

NDA = No Data Available

### Disclaimer

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