

# MATERIAL SAFETY DATA SHEET

# Tarr

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**MANUFACTURER:** Tarr, Incorporated  
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**PRODUCT NAME:** BLANKET WASH KU

**PRODUCT NUMBER:** BWKU

**PREPARED BY:** Mike Rooney

**DATE PREPARED:** 1/11/96

**SYNONYMS:** Hydrocarbon blend

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

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS	OSHA PEL	ACGIH TLV	Weight %
Solvent naphtha, mineral spirits	64742-88-7	100 ppm*	100 ppm*	50-60
*Recommend that limits for standard solvent be used as a guide.				
Solvent naphtha, light aromatic	64742-95-6	N/A	N/A	35-45
Trimethylbenzene, 1,2,4,-	95-63-6	25 ppm	25 ppm	10-20
Xylenes	1330-20-7	100 ppm	100 ppm	<2
Cumene	98-82-8	50 ppm	50 ppm	<1
Hexylene glycol	107-41-5	25 ppm (ceiling)	25 ppm (ceiling)	1-6
Surfactant	9016-45-9	10 ppm	10 ppm	1

## 3. HAZARDOUS IDENTIFICATION

### EMERGENCY OVERVIEW:

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

### POTENTIAL HEALTH EFFECTS

**EYE CONTACT:** Material may cause eye irritation. Direct contact with the liquid or exposure to its vapors or mists may cause stinging, tearing, redness.

**INHALATION:** Vapors may be irritating to the nose, throat, and respiratory tract. High vapor concentrations may cause central nervous system (CNS) depression.

**INGESTION:** Liquid is moderately toxic and may be harmful if swallowed; may produce CNS depression. Ingestion of product may result in vomiting; aspiration (breathing) of vomitus into the lungs must be avoided as even small quantities may result in aspir. 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. 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:**

\*Note to physician: If more than 2.0 ml per kg has been ingested and vomiting has not occurred, emesis should be induced with supervision. Keep victim's head below hips to prevent aspiration. If symptoms such as loss of gag reflex, convulsions or unconsciousness occur before emesis, gastric lavage using a cuffed endotracheal tube should be considered.

#### 5. FIRE FIGHTING MEASURES

##### **FLAMMABLE PROPERTIES**

**FLASH POINT:** 110 F

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

**AUTOIGNITION:** NDA

**FLAMMABLE LIMITS: LEL:** 0.90%

**UEL:** 7.00%

##### **EXTINGUISHING MEDIA:**

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

##### **SPECIAL FIRE-FIGHTING PROCEDURES:**

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.

##### **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. HANDLING AND STORAGE**

### **PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

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 CONTROLS/PERSONAL PROTECTION**

### **PERSONAL PROTECTIVE EQUIPMENT**

#### **RESPIRATORY PROTECTION (Specify Type):**

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. of 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/HYGIENIC 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

### APPEARANCE AND ODOR:

Clear, colorless liquid with pungent odor.

### SOLUBILITY IN WATER:

Solubility negligible in water

**BOILING POINT:** 279

**PERCENT VOLATILE:** 100

**VAPOR PRESSURE:** .05 - 8 mmHg. @ 20 C

**PH:** N/A

**SPECIFIC GRAVITY:** 0.85

**MOLECULAR WEIGHT:** N/A

**MELTING POINT:** NDA

**POUNDS PER GALLON:** 7.1

**FREEZING POINT:** N/A

**OTHER PROPERTIES:** N/A

**EVAPORATION RATE:** Slower than ether

**VAPOR DENSITY:** Heavier Than Air

## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable

### CONDITIONS TO AVOID:

Stable under normal conditions.

### INCOMPATIBILITY:

Strong oxidizers.

### HAZARDOUS DECOMPOSITION OR BY PRODUCTS

None

**HAZARDOUS POLYMERIZATION:** Will Not Occur

### CONDITIONS TO AVOID:

N/A

## 11. TOXICOLOGICAL 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. TRANSPORT INFORMATION

**DOT CLASS:** Combustible Liquid

**HAZARD CLASS:** Combustible

**UN NUMBER:** NA 1993

**PACKING GROUP:** III

**GUIDE NUMBER:** 128

**PROPER SHIPPING NAME:** Combustible liquid, n.o.s. (naphtha, trimethyl benzene)

### 15. REGULATORY INFORMATION

This product is a mixture and each component is listed in the TSCA Inventory of Chemical Substances.

### 16. OTHER INFORMATION

**HMIS INFORMATION:** HEALTH: 2 FLAMMABILITY: 2 REACTIVE: 0 PROTECTION: H

#### SARA TITLE III DATA

For SARA Title III, Section 311 reporting, this product should be classified as an immediate (acute) health hazard, delayed (chronic) health hazard, and a fire hazard. None of the products in this mixture are found on the extremely hazardous substance list.

#### OTHER ADDITIONAL INFORMATION:

N/A = not applicable; NA = no data available

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