

MATERIAL SAFETY DATA SHEET

BLANKET ROLLER WASH 403



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: BLANKET ROLLER WASH 403

PRODUCT NUMBER: BRW403


UPC NUMBER:

PREPARED BY: Patricia Rodabaugh

DATE PREPARED: 6/17/2004

LAST REVISION: 6/17/2004

SYNONYMS:



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

Print Date: 10/14/2004

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Weight %	OSHA PEL	ACGIH TLV	NOTE
Solvent naphtha, light aromatic	64742-95-6	43-50	N/A	N/A	Contains the following 3 constituents:
Trimethylbenzene, 1,2,4,-	95-63-6	14-19	25 ppm	25 ppm	
Xylenes	1330-20-7	1 - 2	100 ppm	100 ppm	
Cumene	98-82-8	<2	50 ppm	50 ppm	skin
Solvent Naphtha (Petroleum), Heavy Aliphatic	64742-96-7	30-35		181 ppm, 1200 mg/m3 (8 hour TWA) (solvent industry)	
Solvent naphtha, mineral spirits	64742-88-7	18-24	100 ppm*	100 ppm*	Contains the following 2 constituents:
Xylenes, Mixed Isomers	1330-20-7	<1	100 ppm	100 ppm	
Trimethylbenzene, 1,2,4,-	95-63-6	<1	25 ppm	25 ppm	
Ethoxylated nonyl phenol	9016-45-9	<2	Not established	10 ppm	

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. Prolonged and repeated exposures to high concentrations may cause hearing loss. Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac arrest.

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).

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:

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: Solubility negligible in water

APPEARANCE AND ODOR: Colorless, clear to light colored liquid. Mild odor.

BOILING POINT: 185 F	PERCENT VOLATILE: 100
VAPOR PRESSURE:	PH: essential neutral
EVAPORATION RATE: Less than 1 (n-Butyl Acetate = 1)	MOLECULAR WEIGHT:
POUNDS PER GALLON: 6.86	VAPOR DENSITY: Heavier Than Air
SPECIFIC GRAVITY: 0.823	OTHER PROPERTIES: VOC's:6.858 lbs/gal,821.836g/L
MELTING POINT: NDA	
FREEZING POINT: NDA	

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: Material is stable under normal conditions. Prevent vapor accumulation. Avoid heat and open flames.

INCOMPATIBILITY:

Avoid contact with : strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY PRODUCTS:

Thermal decomposition is highly dependent on conditions. A complex mixture of airborne solids, liquids and gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.

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 and ethylene oxide (CAS 75-21-8) at a deminimis concentration up to 0.1ppm. Laboratory studies have shown that petroleum may cause kidney, liver, or lung damage. Reports have associated repeated, prolonged overexposure to solvents with permanent brain and nervous system damage. Reproductive & Developmental Toxicity: Animal testing with light aromatic solvents demonstrated embryo/fetal effects but not malformations at concentrations producing maternal toxicity.

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

DOT Proper Shipping Name:	Petroleum distillates, n.o.s.	PACKING GROUP:	III
HAZARD CLASS:	Combustible liquid	GUIDE NUMBER:	128
UN NUMBER:	UN 1268	DOT CLASS:	Combustible Liquid

15. REGULATORY INFORMATION

Combustible exception: 173.150(f)(1)

16. OTHER INFORMATION

HMIS 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, Trimethylbenzene, 1,2,4-, cumene, ethylene oxide
Comments: Solvent naphtha (petroleum), light aromatic is a complex stream of predominately C8 to C10 hydrocarbons; the exact composition and concentrations will vary. Contains naphthalene 0.3 - .10% weight.

California Proposition 65: The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986: This product contains the following substance(s) known to the state of California to cause cancer and reproductive harm. BENZENE. ETHYLENE OXIDE.

Carcinogenicity: The National Toxicology Program (NTP) has reported a chronic inhalation study in rats of naphthalene, a minor component of this product. Naphthalene caused severe inflammation and an increase in tumors of the nasal epithelium in both sexes. NTP considered this to be clear evidence of carcinogenic activity of naphthalene in rats. The relevance to the inhalation toxicity of this product in humans is unknown.

N/A = Not Applicable
NDA = No Data Available

Disclaimer

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