

# Material Safety Data Sheet

Number: **DMN-138**

## Product Name: **Printer's Blanket Wash 100**

A liquid solvent cleaner.

Revised: 9/19/01

Damon Industries, Inc.  
Box 2120  
Alliance, OH 44601

24 hour Emergency Only phone: 1-800-535-5053  
Information phone: 1-800-362-9850 or 330-821-5310  
fax: 330-821-6355

### Section 2 - Composition / Information on Hazardous Ingredients

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>Carcinogen</u>
Aromatic Petroleum Distillates	64742-95-6	> 60%	No
Petroleum Naptha	64742-88-7	20 - 30%	No
1,2,4-Trimethylbenzene	95-63-6	20 - 25%	No
1,3,5-Trimethylbenzene	108-67-8	4 - 6%	No
2-Methoxymethylethoxy Propanol	34590-94-8	2 - 10%	No
1-Methoxy-2-Propanol	107-98-2	2 - 10%	No
Diethylbenzene	25340-17-4	1 - 3%	No
Ethylbenzene	100-41-4	0.2%	OSHA & NTP - No; IARC-Yes

### Section 3 - Hazards Identification

**Emergency Overview:** Liquid is irritating to the eyes and mildly irritating to the skin. Vapor pressure and evaporation rate are low so hazardous concentrations in the air are unlikely. Product is combustible. Vapors are heavier than air, but the low vapor pressure and evaporation rate make flammable mixtures in the air unlikely. Spontaneous combustion of wet combustible materials is possible. It may be extinguished by CO<sub>2</sub>, dry chemical or foam. A clear, colorless liquid with a strong aromatic odor.

**Health Hazards:** Eye Irritant, Possible Skin Irritant

**Physical Hazards:** Combustible

**Primary Routes of Entry:**  Through Skin  Inhalation  Ingestion

#### Potential Health Effects:

**Eyes** - causes irritation, redness, blurred vision.

**Skin** - may cause mild irritation. Repeated contact may cause dermatitis on persons with sensitive skin.

**Swallowing** - may cause nausea, vomiting, diarrhea.

**Breathing** - excessive breathing of vapors may cause irritation of nasal and respiratory passages, dizziness, weakness, fatigue, nausea, headache, unconsciousness, muscle weakness, shortness of breath, narcosis, respiratory failure, coma, cardiac arhythmias.

**Conditions that may be aggravated by exposure** - Skin, asthma, liver, kidney, immune system, auditory, eye, blood forming, heart disorders.

**Target Organs** - This material (or a component) has been shown to lower activity of certain immune system cells in experimental animals. The significance of this effect with respect to human health is uncertain. Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals: blood abnormalities, cardiac sensitization, liver abnormalities, cataracts, kidney damage, effects on hearing.

### Section 4 - First Aid Measures

**Eye Contact:** Immediately flush eyes with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention immediately.

**Skin Contact:** Wash the exposed skin with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before wearing again. If irritation persists, get medical attention.

**Inhalation:** If affected, move the affected person to fresh air. If irritation persists get medical attention.

**Ingestion:** Get medical attention. If the product is swallowed, do NOT induce vomiting. If the affected person is drowsy or unconscious, do not give anything by mouth. Contact a poison control center for advice about whether to induce vomiting.

### Section 5 - Fire-Fighting Measures

**Flash Point:** 105° F. (ASTM D-56 closed cup)

**Lower Explosive Limit:** 1%

**Upper Explosive Limit:** 7%

**Extinguishing Media:** Foam, carbon dioxide or dry chemical. Water fog to cool containers.

**Special Fire Fighting Procedures:** None.

**Unusual Fire And Explosion Hazards:** None.

## Section 6 - Accidental Release Measures

**Steps To Be Taken If Material Is Released Or Spilled:** Wipe or mop up small spills. Larger spills can be collected into clean pails or drums for later use or disposal or absorbed onto oil dry or vermiculite. Dike to prevent entry into drains, sewers, streams and other bodies of water.

## Section 7 - Handling and Storage

Store at temperatures between 40° and 100° F. Dispose of soaked rags to avoid spontaneous combustion. All five gallon or larger containers should be grounded and bonded when transferring or pouring. Do not weld or cut on or around drums or totes, even when empty. Vapors in the air-space may be flammable. Empty containers retain product residue and may be hazardous. Observe all precautions given in this data sheet.

## Section 8 - Exposure Controls / Personal Protection

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>TWA(source)</u>	<u>STEL</u>	<u>Ceiling</u>
Aromatic Petroleum Distillates	64742-88-7	> 60%	No official limits established.		
Petroleum Naptha	64742-95-6	20 - 30%	100ppm suggested, no official limits established.		
1,2,4-Trimethylbenzene	95-63-6	20 - 25%	25 ppm(2,3,4)	35 ppm(4)	-
1,3,5-Trimethylbenzene	108-67-8	4 - 6%	25 ppm(2,3,4)	35 ppm(4)	-
2-Methoxymethylethoxy Propanol	34590-94-8	1 - 10%	100ppm(1,2,3,4)	150ppm(2,3,4)	-
1-Methoxy-2-Propanol	107-98-2	1 - 10%	100ppm(2,3,4)	150ppm(2,3,4)	-
Diethylbenzene	25340-17-4	1 - 3%	No official limits established.		

(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hr Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous

**Ventilation:** None required unless the airborne exposure limits will be exceeded. When used as directed a change of room air of 4 times per hour should be adequate.

**Respiratory Protection:** None expected when used as directed. If the above exposure limits will be exceeded wear a NIOSH approved respirator with an organic vapor cartridge.

**Gloves:** If the product will contact hands wear nitrile gloves. Do not use rubber or latex gloves.

**Eye Protection:** If splashing is possible wear safety glasses with side shields or chemical goggles.

**Other Protective Equipment:** None.

## Section 9 - Physical and Chemical Properties

**Boiling Point:** 323° F.

**Specific Gravity:** 0.87

**Percent Volatiles:** 100%

**Solubility In Water:** Negligible

**Appearance and Odor:** A clear, colorless liquid with a strong aromatic odor.

**Vapor Pressure:** < 3mmHg

**Vapor Density:** 4.2 (Air = 1)

**Evaporation Rate:** 25 (Ether = 1).

**pH:** Not Applicable

## Section 10 - Stability and Reactivity

**Incompatibility:** Oxidizers, hypochlorites, bleach.

**Hazardous Decomposition Products:** CO<sub>2</sub>, CO

## Section 11 - Toxicological Information

**Developmental Information -** This material (or a component) has been shown to cause birth defects in laboratory animal studies. Harm to the fetus occurs only at exposure levels that harm the pregnant animal. The relevance of these findings to humans is uncertain.

**Cancer Information -** This material is not listed as a carcinogen by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration. Ethylbenzene has been shown to cause cancer in laboratory animals. The relevance of this finding to humans is uncertain. IARC has classified ethylbenzene as 2B, possibly carcinogenic to humans. OSHA and NTP have not classified it.

## Section 12 - Ecological Information

Do not dispose of in the environment.

## Section 13 - Disposal Considerations

**Waste Disposal Method:** Should be disposed of by incineration or in an approved land fill. Do not dispose of in sewers. Follow all local, state and federal regulations.

## Section 14 - Transport Information

**D.O.T. Hazard Class:** Not considered hazardous by D.O.T., I.M.C.O., I.A.T.A. or U.N.

## Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

**Section 313 Supplier Notification:** This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and CFR 372.

<u>Chemical Name</u>	<u>C.A.S. No.</u>	<u>% By Weight</u>	<u>Lbs./Gallon</u>
1,2,4-Trimethylbenzene	95-63-6	22%	1.6

### 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. BENZENE

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 reproductive harm. TOLUENE, BENZENE

## Section 16 - Other Information

<b>NFPA / HMIS Estimates:</b>	<b>Health: 1</b>	<b>Flammability: 2</b>	<b>Reactivity: 0</b>
0 = Insignificant, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Severe			

Replaces sheet dated 10/25/89. Conversion to the new ANSI format.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.