

Date of preparation: 02/11/11

**SECTION I**

Manufacturer : W. R. MEADOWS, INC.  
 Address : 300 Industrial Drive  
 : Hampshire, Illinois 60140  
 Telephone # : (847) 683-4500  
 Emergency # : 1-800-424-9300 Chemtrec

- H M I S -

Health	: 2
Flammability	: 1
Reactivity	: 0
Personal Protection	:

(Hazard Rating: 0=Least,1=Slight,2=Moderate,3=High,4=Extreme,\*=Chronic)

Product Class : DIVISION 2  
 Mfg. code I.D. : 4245005  
 Trade Name : POLY-JET FLUSHING OIL

**SECTION II-A HAZARDOUS COMPONENTS**

No.	Component	CAS#	% by Weight	SARA 313	VAPOR PRESSURE (mm Hg @ 20 C)	LEL (@ 25 C)
1.	Coal Tar	65996-89-6	95-100	YES	0	N/E

Component 1 is listed by NTP as a carcinogen or a possible carcinogen. N/E= Not Established  
 Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313".

**SECTION II-B OCCUPATIONAL EXPOSURE LIMITS**

No.	PEL/TWA	OSHA			ACGIH			SKIN
		PEL/CEILING	PEL/STEL	SKIN	TLV/TWA	TLV/CEILING	TLV/STEL	
1.	0.2 mg/m*	N/E	N/E	N/E	0.2 mg/m*	N/E	N/E	N/E

Skin absorption may contribute to the overall exposure to this material. Take appropriate measures to prevent skin contact.  
 N/E = Not established \* =Coal Tar Pitch Volatiles

**SECTION III PHYSICAL DATA**

<b>Boiling Point</b>	: 500 degrees F	<b>% Volatile by volume</b>	: Not determined
<b>Evaporation Rate</b>	: < 1 (ether = 1)	<b>% Volatile by weight</b>	: Not determined
<b>Vapor Density</b>	: > 1 (air = 1)	<b>Weight per gallon</b>	: 9.52 (Theoretical)
<b>pH Level</b>	: 7.5 (estimate)		

**SECTION IV HEALTH INFORMATION**

**EYE CONTACT:** Overexposure to product vapors can result in irritation. Eye contact with product will result in irritation, which in the absence of recommended first aid can result in minor burns to the eyes.  
**SKIN CONTACT:** Contact with skin can result in irritation which when not washed off or when accentuated by sunlight can result in minor burns.  
**INHALATION:** Overexposure to vapor may result in irritation to the respiratory tract. Prolonged exposure in significant excess of permissible air concentrations can result in acute toxic effects, such as respiratory difficulty, convulsions, and possible cardiovascular collapse  
**INGESTION:** Irritation of the gastrointestinal tract followed by nausea, vomiting, abdominal discomfort, rapid pulse, etc. Cardiovascular collapse may occur. Fatal dose is about 0.1 g/kg of body weight.  
**SIGNS AND SYMPTOMS:** Symptoms of eye irritation include pain, tearing, reddening, and swelling. Symptoms of skin irritation include reddening, swelling, rash, and redness. Symptoms of respiratory irritation include runny nose, sore throat, coughing, chest discomfort, shortness of breath, and reduced lung function. Symptoms of gastrointestinal irritation include sore throat, abdominal pain, nausea, vomiting, and diarrhea.  
**AGGRAVATED MEDICAL CONDITIONS:** Pre-existing skin, eye and respiratory disorders may be aggravated by exposure to this product.  
**OTHER HEALTH EFFECTS:** Prolonged and repeated skin exposure over many years in the absence of recommended hygiene practices may lead to changes in skin pigmentation, benign skin growths, and may, in some cases, result in skin cancer. Additionally, inhalation of vapors over a period of several years may present a lung cancer hazard.

**SECTION V EMERGENCY AND FIRST AID PROCEDURES**

**EYE CONTACT:** If irritation or redness develops, move victim away from exposure source and into fresh air. Flush eyes with water for fifteen (15) minutes. If symptoms persist, seek medical attention.  
**SKIN CONTACT:** Remove with waterless hand cleaners or soap and water. Avoid solvents.  
**INHALATION:** Move victim into fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen and call a physician.  
**INGESTION:** If conscious, first induce vomiting, then administer two(2) tablespoons of activated charcoal - USP (Drug grade) in water. Get immediate medical assistance.

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**SECTION VI FIRE AND EXPLOSION HAZARDS**

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**FLAMMABILITY CLASSIFICATION** - NFPA: None  
- DOT: Not regulated

**FLASH POINT:** Greater than 500 degrees F

**EXTINGUISHING MEDIA:** Use water fog, foam, dry chemical, or Carbon Dioxide

**SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS:** Clear fire area of unprotected personnel. Do not enter confined fire space without helmet, face shield, bunker coat, gloves, rubber boots, and a positive pressure NIOSH approved self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Water/fog is recommended for the control of unconfined tar fires, but water may cause frothing or eruption in a closed tank.

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**SECTION VII REACTIVITY**

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**STABILITY:** Stable

**HAZARDOUS POLYMERIZATION:** Will not occur

**CONDITIONS AND MATERIALS TO AVOID:** Strong oxidizing agents and water contact when confined and in a molten state.

**HAZARDOUS DECOMPOSITION PRODUCTS:** When burned, this material may emit Carbon Dioxide, Carbon Monoxide, and lower molecular weight hydrocarbons.

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**SECTION VIII EMPLOYEE PROTECTION**

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**RESPIRATORY PROTECTION:** Use ventilation as required to control vapor concentrations - at least 10 air changes per hour are recommended for good general room ventilation. If exposure exceeds the PEL/TLV, use the appropriate NIOSH approved respirator.

**PROTECTIVE CLOTHING:** Wear safety glasses, goggles, or a splash shield to prevent eye contact. Contact lenses should not be worn. Wear appropriate gloves and protective clothing to prevent contact with skin and clothing.

**ADDITIONAL PROTECTIVE MEASURES:** Eye wash fountains and safety showers should be available for use in an emergency. For exposed skin use approved barrier creams (by Pro-Tex, Fend A-2, Safeticote Skin Protector #83734).

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**SECTION IX ENVIRONMENTAL PROTECTION**

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**SPILL OR LEAK PROCEDURES:** LARGE SPILLS>> Evacuate the hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Shut off source of leak only if safe to do so. Dike and contain. If vapor cloud forms, water fog may be used to suppress; contain run-off. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent such as clay, sand or other suitable material; place in non-leaking containers for proper disposal. Flush area with water to remove trace residue; dispose of flush solutions as above. SMALL SPILLS>> Take up with an absorbent material and place in non-leaking containers; seal tightly for proper disposal.

**WASTE DISPOSAL:** Observe all Federal, State and local regulations regarding proper disposal.

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**SECTION X ADDITIONAL PRECAUTIONS**

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Containers may contain hazardous product residues even when empty. Wash with soap and water before eating, drinking, smoking or using toilet facilities.

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