

\*\*\* MATERIAL SAFETY DATA SHEET \*\*\*

This MSDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this material. Please read the information on these sheets, and then provide this information to those people at your company whose responsibility it is to implement the "Workplace Hazardous Materials Information System (WHMIS)". Also make this information available to any employee who requests it.

Date of preparation: 1/29/14

3370-101

SECTION I PRODUCT IDENTIFICATION AND USE

Manufacturer : W. R. MEADOWS® OF CANADA

- H M I S -

Address : 70 Hannant Court  
: Milton, Ontario L9T 5C1

|Health : 1  
|Fire : 2  
|Reactivity : 0  
|Person Protection : |

Telephone # : (905) 878-4122  
Emergency # : 1-800-424-9300 Chemtrec

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

Product Class : Class B3-Combustible Liquids, D2B-Skin Irritation, D2A-Teratogenicity & Embryotoxicity

Product Identification Number: 3370-101

Product Identifier : 3100

Product Use : Concrete Curing and Sealing

SECTION II HAZARDOUS INGREDIENTS

No. Hazardous Ingredient(s)*	CAS#	% By		ACGIH					SKIN
		Weight	LD50	LC50	TLV/TWA	TLV/Ceiling	TLV/STEL		
1. Light Aromatic Naphtha	64742-95-6	50 – 55	N/A	N/A	N/E	N/E	N/E	N/E	
2. Xylene	1330-20-7	1 – 5	4300mg/kg*	5000 ppm/4H*	100 PPM	N/E	150 PPM	N/E	
3. 1,2,4-Trimethylbenzene	95-63-6	30 - 35	N/E	18 mg/m <sup>3</sup> 4H*	25 PPM	N/E	N/E	N/E	

\* A more complete disclosure will be provided to a physician or nurse in the event of a medical emergency. None of the components of this product are recognized as carcinogenic.

Component data is defined in accordance with Sub-paragraph 13 (a) (i) to (iv) of the Hazardous Product Act.

N/E = Not established      N/A = Not Applicable      \* = Rat

SECTION III PHYSICAL DATA

Physical State : Liquid      Vapour Density : >1 (air 1)  
Specific Gravity : 0.94 @ 15 degrees C.      Evaporation Rate : <1 (ether 1)  
Odour/Appearance : Clear, colorless liquid, aromatic odour      Percent Volatile : 73 (by weight)  
Vapour Pressure : 2.5 kPa @ 38 degrees C.      Freezing Point : <0 degrees C.  
pH : Not Applicable      Boiling Point : 176 degrees C.  
Odour Threshold : Not Applicable

Coefficient of water/oil distribution: Not Available

SECTION IV FIRE AND EXPLOSION DATA

Conditions of Flammability: Exposure to ignition sources      Autoignition temperature: >35 degrees C

Means of extinction: Water fog, foam, dry chemical, Carbon Dioxide      Sensitivity to mechanical impact: No

Flash point and method: 41 Degrees C., Tag closed cup (estimate)      Sensitivity to static discharge: Yes

Flammability limits: LEL: 0.6 UEL: 7

Hazardous combustion products: Carbon Monoxide, Carbon Dioxide and incomplete combustion products.

SECTION V REACTIVITY DATA

Chemical stability Stable

If no, under which conditions:

Incompatibility (materials to avoid): Avoid strong oxidizing agents

Conditions of reactivity: None

Hazardous decomposition products: None

Date of preparation: 1/29/14

**SECTION VI TOXICOLOGICAL PROPERTIES**

**Route(s) of entry:** Inhalation, skin absorption, and skin contact

**Effect(s) of acute exposure to product:**

**EYE CONTACT:** This product is presumed to be moderately irritating to the eyes. Exposure may cause corneal injury. Product vapours and/or mists may also be irritating to the eyes.

**SKIN CONTACT:** Product is presumed to be moderately irritating to the skin. Prolonged contact may cause damage to the skin. Prolonged or repeated contact may result in defatting and drying of the skin, which may result in dermatitis.

**INHALATION:** Exposure may produce irritation to the nose, throat, respiratory tract, and other mucous membranes. Exposure to excessive vapour concentrations may cause signs of transient central nervous system depression, (e.g., headache, drowsiness, loss of coordination, and fatigue). Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

**INGESTION:** This product is presumed to be slightly toxic and may cause irritation of the gastrointestinal tract. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may result in severe lung damage. While this material has a low degree of toxicity, ingestion of excessive quantities may cause signs of central system depression, (e.g., headache, drowsiness, dizziness, loss of coordination, and fatigue).

**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, abdominal pain, nausea, and symptoms of intoxication. In extreme cases unconsciousness and death may occur. Symptoms of chronic overexposure include loss of memory, loss of intellectual ability, and loss of coordination.

**Exposure limits:** See Section II

**Effect(s) of chronic exposure to product:**

Carcinogenicity: No	Reproductive toxicity: Not established
Teratogenicity: Not established	Mutagenicity Not established
	Synergistic Properties: None Known

**SECTION VII PREVENTIVE MEASURES**

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

**Engineering controls:** Use ventilation as required to control vapour 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.

**Leak and spill procedures:** LARGE SPILLS>>Evacuate the hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Shut off source leak only if safe to do so. Remove/extinguish ignition sources. Ike and contain. If vapour cloud forms, water fog may be used to suppress; contain run-off Remove with vacuum trucks or pump to storage/salvage proper disposal. Flush area with water to remove trace residue' dispose f flush solutions as above. SMALL SPILLS>>Take up with an absorbent material and place in non-leaking containers.

**Waste disposal:** Observe all Provincial, Federal, State and local regulations regarding proper disposal.

**Handling procedures/equipment:** Handle as a combustible product.

**Storage requirements:** Store in a cool dry area, away from ignition sources. Keep containers closed when not in use.

**Special shipping information:** None

**SECTION VIII FIRST AID MEASURES**

**EYE CONTACT:** Immediately flush eyes with copious amounts of water for at least fifteen (15) minutes, while holding eyelids open. If symptoms persist, seek prompt medical attention.

**SKIN CONTACT:** Remove contaminated shoes and clothing. Cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops and persists, seek medical attention.

**INHALATION:** If respiratory symptoms develop, move victim away from exposure source and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

**INGESTION:** Dilute with two (2) glasses of water unless the victim is unconscious or very drowsy. Induce vomiting by giving two (2) tablespoons of Ipecac or touching a finger to the back of the throat. Keep the victim's head below the hips to prevent aspiration into the lungs. Consult a physician, hospital, or poison center and/or transport to an emergency facility immediately.

The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of the product described herein.

**SECTION IX PREPARATION OF MSDS**

Prepared by: David Carey	Phone number:(847) 683-4500	Preparation date: 1/29/14
	Product Identification Number: 3370-101	