

\*\*\* 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: 09/09/14

3300-910

**SECTION I PRODUCT IDENTIFICATION AND USE**

Manufacturer : **W. R. MEADOWS® OF WESTERN CANADA** - H M I S -  
Address : 38 Rayborn Crescent |Health : 1  
: St. Albert, AB T8N 4B1 |Fire : 2  
 |Reactivity : 0  
Telephone # : (780) 458-8773 |Person Protection :  
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  
Product Identification Number: 3300-910  
Product Identifier : SPECTRUM 910  
Product Use : Liquid Stamp Release

**SECTION II HAZARDOUS INGREDIENTS**

No. Hazardous Ingredient(s)*	CAS#	% By		ACGIH				
		Weight	LD50	LC50	TLV/TWA	TLV/Ceiling	TLV/STEL	SKIN
1. Stoddard Solvent	8052-41-3	90-100	>5mg/kg	>5mg/kg	100 PPM	N/E	200 PPM	No

\* 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 \* = Fumes \*\* = Total Dust

**SECTION III PHYSICAL DATA**

Physical State : Clear, Colorless Liquid Vapour Density : >1 (Air=1)  
Specific Gravity : N/E Evaporation Rate : <1 (N-BuAC=1)  
Odour/Appearance : Colorless Liquid/Organic Odor Percent Volatile : 100  
Vapour Pressure : N/E Freezing Point : N/E  
pH : N/E Boiling Point : 150 C  
Odour Threshold : N/E

Coefficient of water/oil distribution: N/E

**SECTION IV FIRE AND EXPLOSION DATA**

Conditions of Flammability: Ignition Sources Autoignition temperature: N/E  
Means of extinction: Water Fog, Foam, Carbon Dioxide Sensitivity to mechanical impact: No  
Flash point and method: 42 C TCC Sensitivity to static discharge: No  
Flammability limits: LEL: N/E UEL: N/E  
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): Strong Oxidizing Agents  
Conditions of reactivity: None  
Hazardous decomposition products: None Known

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SECTION VI TOXICOLOGICAL PROPERTIES

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

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

**EYE CONTACT:** This product may cause mild to moderate irritation. Product vapors/mists may also cause irritation.

**SKIN CONTACT:** Exposure may cause mild skin irritation. Prolonged/repeated skin contact may result in redness, burning, drying, and cracking of the skin as well as dermatitis.

**INHALATION:** Exposure may cause irritation of the nose, throat, and respiratory tract. Exposure to excessive vapor concentrations may cause signs of central nervous system depression (headache, drowsiness, loss of coordination, and fatigue).

**INGESTION:** May cause irritation of the digestive tract. Ingestion of excessive quantities may cause signs of transient central nervous system depression.

**SIGNS AND SYMPTOMS:** Symptoms of eye irritation include pain, tearing, redness, and swelling. Symptoms of skin irritation include reddening, swelling, and/or rash. 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. Transient central nervous system depression may be evidenced by headache, dizziness, nausea, and symptoms of intoxication.

**AGGRAVATED MEDICAL CONDITIONS:** None recognized

**OTHER HEALTH EFFECTS:** None Known

**Exposure limits:**

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

Carcinogenicity: No

Reproductive toxicity: No

Teratogenicity: No

Mutagenicity No

Synergistic Properties: No

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SECTION VII PREVENTIVE MEASURES

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**Personal protective equipment:** Wear safety glasses or safety glasses to prevent eye contact. Wear appropriate gloves and protective equipment to prevent skin contact. Utilize respiratory equipment to prevent exposure to product vapors/mists.

**Engineering controls:** Utilize ventilation as required to control vapor concentrations-at least 10 air changes per hour are recommended for good, general room ventilation.

**Leak and spill procedures:** Evacuate area of unprotected personnel. Remove ignition sources. Utilize appropriate personal protective equipment. Shut-off/remove spill source if safe to do so. Dike and contain. Soak up/recover spilled materials and place in sealed/marked containers for disposal.

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

**Handling procedures/equipment:** None recognized

**Storage requirements:** Keep containers closed when not in use. Keep away from ignition sources.

**Special shipping information:** None

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SECTION VIII FIRST AID MEASURES

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**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 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 from exposure source and into fresh air. If symptoms persist, seek medical attention.

**INGESTION:** Dilute by giving water or milk to drink if the victim is conscious. Do not induce vomiting. If vomiting occurs, keep the head below the hips to prevent lung aspiration. Consult a hospital, physican, or poison control center and/or transport to an emergency facility immediately.

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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.

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SECTION IX PREPARATION OF MSDS

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Prepared by: David Carey

Phone Number: (847) 683-4500

Preparation Date: 09/09/14

Product Identification Number: 3300-910