

*** 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: 07/28/10

3150-101W

SECTION I PRODUCT IDENTIFICATION AND USE

Manufacturer : **W. R. MEADOWS® OF CANADA**

- H M I S -

Address : 70 Hannant Court
: Milton, ON 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 B, Division 3, Combustible Liquids

Product Identification Number: 3150-101W

Product Identifier : DUOGARD® WINTER-GRADE

Product Use : Concrete Form Release Agent

SECTION II HAZARDOUS INGREDIENTS

No. Hazardous Ingredient(s)*	CAS#	% By			ACGIH			SKIN
		Weight	LD50	LC50	TLV/TWA	TLV/Ceiling	TLV/STEL	
Xylene	1330-20-7	0-1	4300 mg/kg	5000ppm/4h	100 ppm	N/E	150 ppm	No
1,2,4-Trimethylbenzene	95-63-6	1-5	N/E	18 mg/m3	25 ppm	N/E	N/E	No
Light Aromatic Naphtha	64742-95-6	5-10	N/E	N/E	N/E	N/E	N/E	No
Methanol	67-56-1	0-1	5628 mg/kg	64000 ppm	200 ppm	N/E	250 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	: Liquid	Vapour Density	: >1.0 (Air = 1)
Specific Gravity	: 0.89	Evaporation Rate	: <1 (ether = 1)
Odour/Appearance	: Mild Hydrocarbon/Pale Yellow	Percent Volatile	: 9 % (by weight)
Vapour Pressure	: 2.5 kPa @ 38 Degrees C	Freezing Point	: Not Available
pH	: Not Applicable	Boiling Point	: 176 C
Odour Threshold	: Not Available		
Coefficient of water/oil distribution:	Not Available		

SECTION IV FIRE AND EXPLOSION DATA

Conditions of Flammability: Exposure to Ignition Sources **Autoignition temperature:** >350 C (Estimate)

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

Flash point and method: 41 C (estimate) **Sensitivity to static discharge:** No

Flammability limits: LEL: 0.6 UEL: 7.0

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 Known

Hazardous decomposition products: None Known

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SECTION VI TOXICOLOGICAL PROPERTIES

Route(s) of entry: Skin contact, inhalation, skin absorption

Effect(s) of acute exposure to product:

EYE CONTACT: Direct contact may cause mild to moderate irritation. Product vapors/mists may also cause irritation.

SKIN CONTACT: Direct contact may cause mild to moderate irritation. Prolonged/repeated contact may result in irritation/damage an/or dermatitis.

INHALATION: Exposure to vapor may cause mild to moderate irritation of the respiratory tract and transient central nervous system depression (headache, drowsiness, loss of coordination, and fatigue). Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

INGESTION: May cause irritation of the digestive tract. Avoid aspiration of this product as this may result in severe lung damage. Ingestion of excessive quantities may cause symptoms of transient central nervous system depression.

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, and symptoms of intoxication. In extreme cases loss of consciousness and death may occur. Symptoms of chronic overexposure include loss of memory, intellectual ability, and coordination.

AGGRAVATED MEDICAL CONDITIONS: None recognized.

OTHER HEALTH EFFECTS: None Recognized

Exposure limits: See Section II

Effect(s) of chronic exposure to product:

Carcinogenicity: No

Reproductive toxicity: N/E

Teratogenicity: N/E

Mutagenicity N/E

Synergistic Properties: N/E

SECTION VII PREVENTIVE MEASURES

Personal protective equipment: Use of safety glasses/goggles and gloves is recommended to prevent direct contact. If exposure levels exceed the PEL/TLV use appropriate NIOSH approved respiratory equipment.

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

Leak and spill procedures: Dike/contain material. Remove/extinguish ignition sources. Recover free product. Evacuate non-essential personnel from hazard area. Utilize appropriate personal protective equipment, contain run-off, utilize appropriate absorbent, and place recovered material in sealed/marked containers.

Waste disposal: Observe all Provincial regulations regarding proper disposal

Handling procedures/equipment: Keep containers closed when not in use.

Storage requirements: Store in cool, dry area away from ignition sources.

Special shipping information: None

SECTION VIII FIRST AID MEASURES

EYE CONTACT: Move victim away from exposure source. Flush eyes with water for fifteen (15) minutes. If irritation persists seek medical attention.

SKIN CONTACT: Remove contaminated shoes/clothing. Wash affected area(s) with mild soap and water. If irritation persists, seek medical attention.

INHALATION: If respiratory symptoms develop move victim from exposure source and into fresh air. If irritation persists, seek medical attention.

INGESTION: Do not induce vomiting or give liquids. Seek immediate medical attention.

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: 07/28/10

Product Identification Number: 3150-101W