



# SAFETY DATA SHEET

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product:** DUOGARD® WINTER GRADE **Part Number:** 3150-101w  
**Manufacturer:** W. R. Meadows® of Canada **Address:** 70 Hannant Court  
 Milton, Ontario, Canada L9T 5C1  
**Telephone:** (905) 878-4122 **In case of emergency, dial (800) 424-9300 (CHEMTREC)**  
**Revision Date:** 7/31/2015  
**Product Use:** Form Release Agent

## SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

<b>HMIS</b>  Health   1   Flammability   2   Reactivity   0   Personal Protection	<b>HAZARD STATEMENTS</b> <b>WARNING!</b> Causes skin/eye irritation. Flammable liquid and vapor. Harmful if inhaled. May be fatal if ingested and enters airway. <b>PRECAUTIONARY STATEMENTS:</b> Use only in well-ventilated areas. Avoid breathing vapors and direct contact. Store in well-ventilated location. Wear appropriate personal protective equipment. Control vapors in confined spaces utilizing mechanical ventilation.
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## SECTION 3: HAZARDS COMPONENTS

Chemical Name:	CAS Number	% by Weight	SARA 313	Vapor Pressure (mm Hg@20°C)	LEL (@25°C)
1. Aromatic Naphtha	64742-95-6	5-10	No	<10 @ 25°C	0.9
2. Xylene	1330-20-7	0-1	Yes	6.6	1.1
3. 1,2,4-Trimethylbenzene	95-63-6	1-5	Yes	N/E	0.9

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1966 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313." *N/E: Not Established*

## SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

**EYE CONTACT:** Flush eyes with water for fifteen (15) minutes. If symptoms persist, seek medical attention.  
**SKIN CONTACT:** Wash affected areas with mild soap and water. Remove contaminated shoes/clothing. If symptoms persist, seek medical attention.  
**INHALATION:** If respiratory symptoms develop, move affected individual from exposure source and into fresh air. If symptoms persist, seek medical attention.  
**INGESTION:** Dilute with liquid unless the victim is unconscious or very drowsy. Do not induce vomiting. If vomiting spontaneously occurs, prevent lung aspiration. Seek immediate medical attention.  
**MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND CHRONIC:** See Section II for Symptoms/Effects.

## SECTION 5: FIRE AND EXPLOSIVES HAZARDS

**FLASHPOINT:** 43 degrees C (Estimate)  
**EXTINGUISHING MEDIA:** Water fog, foam, dry chemical.  
**CHEMICAL/COMBUSTION HAZARDS:** Carbon monoxide, carbon dioxide, and incomplete combustion products.  
**PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT:** Avoid smoke inhalation. Use appropriate personal protective equipment.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**SPILL OR LEAK PROCEDURES:** Avoid direct contact. Remove ignition sources. Dike and contain spilled material. Remove source of spill if safe to do so. Apply absorbent and place clean-up material in sealed/marked containers for proper disposal.

## SECTION 7: HANDLING AND STORAGE

**SAFE HANDLING PROCEDURES:** Avoid direct contact. For exterior use only. Avoid sources of ignition.  
**SAFE STORAGE:** Keep containers closed when not in use. Keep away from ignition sources.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name:	OSHA				ACGIH			
	PEL	PEL/CEILING	PEL/STEL	SKIN	TWA	TLV/CEILING	TLV/STEL	SKIN
1. Aromatic Naphtha	N/E	N/E	N/E	No	N/E	N/E	N/E	N/E
2. Xylene	100 ppm	N/E	N/E	No	100 ppm	N/E	150 ppm	No
3. 1,2,4-Trimethylbenzene	25 ppm	N/E	N/E	No	25 ppm	N/E	N/E	No

*N/E: Not Established*

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*Section 8 continued*

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses, chemical-resistant gloves.  
**ENGINEERING CONTROLS:** Use with adequate ventilation. Use explosion-proof equipment.  
**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses, chemical-resistant gloves.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>BOILING POINT:</b> 176 degrees C	<b>VAPOR DENSITY:</b> >1 (air=1)	<b>% VOLATILE BY VOLUME:</b> N/E
<b>EVAPORATION RATE:</b> <1 (Ether=1)	<b>pH LEVEL:</b> N/E	<b>% VOLATILE BY WEIGHT:</b> 100
<b>WEIGHT PER GALLON:</b> 7.41	<b>PRODUCT APPEARANCE:</b> Amber liquid	<b>VOC CONTENT:</b> 118 g/L
<b>ODOR:</b> Mild Organic	<b>ODOR THRESHOLD:</b> N/D	<b>MELTING/FREEZING POINT:</b> N/D
<b>FLASH POINT:</b> See Section 5	<b>FLAMMABILITY:</b> N/D	<b>UEL/LEL:</b> N/D
<b>VAPOR PRESSURE:</b> N/D	<b>RELATIVE DENSITY:</b> N/D	<b>SOLUBILITY:</b> N/D
<b>PARTITION COEFFICIENT:</b> N/D	<b>AUTOIGNITION TEMPERATURE:</b> N/D	<b>DECOMPOSITION TEMPERATURE:</b> N/D
<b>VISCOSITY:</b> N/D		<i>N/D: Not Determined</i>

### SECTION 10: STABILITY/REACTIVITY

**STABILITY:** Stable. **HAZARDOUS POLYMERIZATION:** Will not occur.  
**CONDITIONS AND MATERIALS TO AVOID:** Oxidizing agents, strong acids, and strong alkalies.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide, and incomplete combustion products.

### SECTION 11: TOXICOLOGICAL INFORMATION

**EYE CONTACT:** Direct contact may cause mild to moderate irritation. Product vapors/mists may also cause irritation.  
**SKIN CONTACT:** Direct contact may cause slight skin irritation. Prolonged/repeated contact may result in irritation/dermatitis.  
**INHALATION:** Exposure may cause irritation of the nose, throat, respiratory tract, and other mucous membranes. Exposure to excessive vapor concentrations may cause signs of transient central nervous system depression (headache, fatigue, drowsiness, dizziness, loss of coordination).  
**INGESTION:** May result in irritation of the gastrointestinal tract. Ingestion of excessive quantities may result in symptoms of transient central nervous system depression as noted above.  
**SIGNS AND SYMPTOMS:** Symptoms of eye irritation include tearing, reddening, and swelling. Symptoms of skin irritation include redness and swelling. Gastrointestinal irritation symptoms include nausea, vomiting, and abdominal discomfort. Symptoms of respiratory irritation include runny nose, sore throat, coughing, chest discomfort, shortness of breath, and reduced lung function. Symptoms of transient central nervous system depression include: headache, fatigue, drowsiness, dizziness, and loss of coordination.  
**AGGRAVATED MEDICAL CONDITIONS:** Pre-existing skin, eye, and respiratory disorders may be aggravated by exposure to this product.  
**OTHER HEALTH EFFECTS:** None recognized.

### SECTION 12: ECOLOGICAL INFORMATION

<b>ECOTOXICITY:</b> N/E	<b>DEGRADABILITY:</b> N/E	<b>BIOACCUMULATIVE POTENTIAL:</b> N/E
<b>SOIL MOBILITY:</b> N/E	<b>OTHER ADVERSE EFFECTS:</b> None Recognized	

### SECTION 13: WASTE DISPOSAL INFORMATION

**WASTE DISPOSAL INFORMATION:** Fuel blending at a permitted waste disposal facility. Product is a hazardous waste.

### SECTION 14: TRANSPORTATION INFORMATION

**HAZARDOUS/NON-HAZARDOUS MATERIAL:** Not regulated by DOT (Domestic Land Transportation).  
**UN NUMBER:** None. **HAZARD CLASS:** N/A **PACKING GROUP:** N/A  
**UN PROPER SHIPPING NAME:** N/A  
**ENVIRONMENTAL HAZARDS:** None recognized.  
**BULK TRANSPORTATION INFORMATION:** None.  
**SPECIAL PRECAUTIONS:** None.

### SECTION 15: REGULATORY INFORMATION

**OTHER REGULATORY CONSIDERATIONS:** None recognized.

### SECTION 16: OTHER INFORMATION

**PREPARATION DATE:** 7/31/2015  
**PREPARED BY:** Dave Carey

*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 this product described herein.*