



SAFETY DATA SHEET

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product: DUOGARD WINTER-GRADE
Manufacturer: W. R. MEADOWS OF CANADA
Part Number: 3150-101
Address: 70 Hannant Court
Milton, Ontario, Canada L9T 5C1
Telephone: (905) 878-4122
Revision Date: 1/17/2024
Product Use: Form Release Agent
In case of emergency, dial (800) 424-9300 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

HMIS	HAZARD STATEMENTS
Health	1
Flammability	2
Reactivity	0
Personal Protection	
	WARNING! Causes skin/eye irritation. (Category 2) Flammable liquid and vapor. (Category 3) Harmful if inhaled. (Category 4) May be fatal if ingested and enters airway. (Category 1) Causes serious eye irritation. (Category 2A) May cause organ damage through prolonged/repeated exposure. (Category 2) PRECAUTIONARY STATEMENTS: Keep containers closed when not in use./Avoid ignition sources. Avoid breathing vapors and direct contact. Store in well-ventilated location. Wear appropriate personal protective equipment. Control vapors in confined spaces utilizing mechanical ventilation.



SECTION 3: HAZARDOUS 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

N/E = Not Established

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."

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 Eleven for Symptoms/Effects.

SECTION 5: FIRE AND EXPLOSIVES HAZARDS

FLASHPOINT: 43 °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.

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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

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

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

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SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: N/E

DEGRADABILITY: N/E

BIOACCUMULATIVE POTENTIAL: N/E

SOIL MOBILITY: N/E

OTHER ADVERSE EFFECTS: None Recognized

N/E: Not Established

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.

N/A: Not Applicable

SECTION 15: REGULATORY INFORMATION

OTHER REGULATORY CONSIDERATIONS: None recognized.

SECTION 16: OTHER INFORMATION

PREPARATION DATE: 1/17/2024

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.