

*** 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: 2/20/09

3150-311

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 : 0

|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 : This product is not controlled under WHMIS

Product Identification Number: 3150-311

Product Identifier : DUOGARD® II Water-Based Form Release Agent

Product Use : Concrete Form Release

SECTION II HAZARDOUS INGREDIENTS

No. Hazardous Ingredient(s)*	CAS#	% By				ACGIH		
		Weight	LD50	LC50	TLV/TWA	TLV/Ceiling	TLV/STEL	SKIN
None								

* 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 (air = 1)
Specific Gravity	: 1 (H ₂ O = 1)	Evaporation Rate	: < 1 (ether = 1)
Odour/Appearance	: White liquid, hydrocarbon odour	Percent Volatile	: 98
Vapour Pressure	: 13.125 (mm Hg) @ 15 degrees C.	Freezing Point	: 0 degrees C.
pH	: 9.50	Boiling Point	: 100 degrees C.
Odour Threshold	: N/A		

Coefficient of water/oil distribution: N.A

SECTION IV FIRE AND EXPLOSION DATA

Conditions of Flammability: None Auto ignition temperature: Not available

Means of extinction: Water fog, foam, dry chemical, Carbon Dioxide Sensitivity to mechanical impact:

Flash point and method: 103 degrees C. Sensitivity to static discharge:

Flammability limits: LEL: N/A UEL: N/A

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: Not Applicable

Date of preparation: 2/20/09

SECTION VI TOXICOLOGICAL PROPERTIES

Route(s) of entry: Skin contact, inhalation

Effect(s) of acute exposure to product:

EYE CONTACT: This product may cause slight eye irritation. Corneal injury is unlikely.

SKIN CONTACT: Exposure may cause milk skin irritatin. Prolonged or repeated contact may cause redness, burning,drying, and cracking of the skin. Persons with pre-existing skin disorders may be more susceptible to the effects of this material. Prolonged or repeated contact may result in defatting anddrying of the skin which may result in dermatitis.

INHALATION: Exposure may produce irritation to the nose, throat, respiratory tract, and other mucous membranes.

INGESTION: This producr may cause milk inrritation of the digestive tract.

SIGNS AND SYMPTOMS: Symptoms of eye irritatin include pain, tearing, reddening, and swelling. Symptoms of skin iritatin include reddedning, 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 thorat, abdominal pain, nausea , vomiting, and diarrhea.

AGGRAVATED MEDICAL CONDITIONS:Pre-existing skin, eye, and respiratory disorders may be aggravated by exposure to this product.

OTHER HEALTH EFFECTS: None recognized.

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 lenses should not be worn. Wear appropriate gloves and protective clothing to prevent contact with skin and clothing.

Engineering controls: Use ventilatin as required to control vapor concentrations - at least 10 air changes per hur 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 of leak only if safe to do so. Dike and contain. If vapor cloud forms, water fog may be used to suppress; contain run-off. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorvent such as clay, sand or other suitable material; place in non-leaking containers for proper disposal. Flush area with water to remove trace residue; dispose of flush solutions as above.
SMALL SPILLS>> Take up with an absorvent material and place in non-leaking containers.

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

Handling procedures/equipment: Avoid direct contact. Practice good personal hygiene.

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 water for at least fifteen (15) minutes while holding eyelids open. 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 paersists, seek medical attention.

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

INGESTION: Do not induce vomiting. Vomiting will cause further damage to the throat. Dilute by giving water or milk to drink if the victim is conscious. Consult a physician, hospital, or poison control 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: 2/20/09

Product Identification Number: 3150-311