SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product: DUOGARD® CITRUS **Part Number: 3913000**

Manufacturer: W. R. MEADOWS, INC. **Address:** 300 Industrial Drive, Hampshire, Illinois 60140

Telephone: (847) 214-2100 In case of emergency, dial (800) 424-9300 (CHEMTREC)

Revision Date: 7/29/2024

Product Use: Concrete Form Release Agent

SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

HMIS	
|Health|	|1|
|Flammability|	|0|
|Reactivity|	|0|
|Personal Protection|	| |

HAZARD STATEMENTS

WARNING!

Causes skin irritation. **(Category 2)**

PRECAUTIONARY STATEMENTS

Avoid direct contact.



SECTION 3: HAZARDOUS COMPONENTS

Chemical Name:	CAS Number	% by Weight	SARA 313	Vapor Pressure (mm Hg@20°C)	LEL (@25°C)
1. None					

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: Not expected to be an exposure route as supplied. If respiratory symptoms develop, 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: 329 °F (Minimum)

EXTINGUISHING MEDIA: Water fog, foam, dry chemical, carbon dioxide.

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. 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. Clean-up materials will be classified as non-hazardous waste.

SECTION 7: HANDLING AND STORAGE

SAFE HANDLING PROCEDURES: Avoid direct contact.

SAFE STORAGE: Keep containers closed when not in use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

	OSHA				ACGIH			
Chemical Name:	PEL	PEL/CEILING	PEL/STEL	SKIN	TWA	TLV/CEILING	TLV/STEL	SKIN
1. None								

ENGINEERING CONTROLS: None required under normal use conditions.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses, chemical resistant gloves.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/E	**VAPOR DENSITY:** N/A	**% VOLATILE BY VOLUME:** N/E
EVAPORATION RATE: <1 (Ether=1)	**pH LEVEL:** N/A	**% VOLATILE BY WEIGHT:** 100
WEIGHT PER GALLON: 7.25	**PRODUCT APPEARANCE:** Amber Liquid	**VOC CONTENT:** 95 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 COEFFICENT: N/D	**AUTOIGNITION TEMPERATURE:** N/D	**DECOMPOSITION TEMPERATURE:** N/D
VISCOSITY: N/D	*N/A: Not Applicable* *N/D: Not Determined* *N/E: Not Established*	

SECTION 10: STABILITY/REACTIVITY

STABILITY: Stable. **HAZARDOUS POLYMERIZATION:** Will not occur.

CONDITIONS AND MATERIALS TO AVOID: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, and incomplete combustion products.

SECTION 11: TOXICOLOGICAL INFORMATION

EYE CONTACT: Direct contact may cause mild irritation.

SKIN CONTACT: Direct contact may cause slight skin irritation. Prolonged/repeated contact may result in irritation.

INHALATION: Not anticipated to be an exposure route.

INGESTION: Not anticipated to be an exposure route.

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.

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

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: Waste oil recycler or fuel recycling.

SECTION 14: TRANSPORTATION INFORMATION

HAZARDOUS/NON-HAZARDOUS MATERIAL: Not regulated by DOT.

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 recognized. *N/A: Not Applicable*

SECTION 15: REGULATORY INFORMATION

OTHER REGULATORY CONSIDERATIONS: None recognized.

SECTION 16: OTHER INFORMATION

PREPARATION DATE: 7/29/2024

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.