

Spill Notification for WRR Environmental Services Co., Inc.

EPA ID# WID990829475

FID# 618026530

ID 20200417WC18-1 – Diethyl Phthalate (DEP)

Per Condition 86 of WRR Environmental Services' current Feasibility and Plan of Operations Report (FPOR), WRR is making the following spill report to the Department's designated Hazardous Waste Inspector assigned to WRR, to the Department's designated Hazardous Waste plan review staff person assigned to WRR and to the Department's designated Spills Coordinator.

This notification, required by Condition 86 of the WRR FPOR and NR 706.05(1), contains the following information to the extent practicable or applicable:

1. Name, address, and telephone number of the person reporting the discharge.

Becky Anderson – Director of Compliance
WRR Environmental Services Co., Inc.
5200 Ryder Road
Eau Claire WI 54701

2. Name, address, and telephone number of the discharger, or owner and operator of the UST system and any other potentially responsible persons.

WRR Environmental Services Co., Inc.
5200 Ryder Road
Eau Claire WI 54701

3. Date, time, and duration of the discharge.

April 17, 2020 at 6:00 am. Time to clean up the release was 0.75 hours.

Location of the discharge including street address, county, town, city or village

WRR Environmental Services Co., Inc.
5200 Ryder Road
Eau Claire WI 54701

Town of Washington

4. Identity, physical state, and quantity of the material discharged.

~10 gallons of a liquid hazardous material, Diethyl Phthalate (DEP). The SDS for DEP is attached to this report.

5. Physical, chemical, hazardous, and toxicological characteristics of the substance.

This material is a hazardous waste; it is nonsource specific listed waste – F039, source specific listed waste – K086 and commercial chemical product – U088. The DEP spilled did not carry any of these waste codes.

6. Cause of the discharge.

A miscommunication occurred between operators at the 3:30 pm shift change. This miscommunication resulted in material to continue to run into a small tank instead of being run into a finished product tank during a solvent recovery run.

7. Immediate actions being taken and the name of the contractor or other person performing the action.

The solvent recovery operation was shut down and area personnel cleaned up the release.

Spill material was contained to the process area's concrete floor. The material was cleaned up with floordri. The floordri was placed in open top drums for disposal.

All clean up activities were conducted by WRR personnel.

8. Source, speed of movement, and destination or probable destination of the discharged hazardous substance.

The release was contained to the process area floor within the building. No material impacted soil or contaminated the WRR stormwater collection area.

Included with this report is a facility map with the release location marked with a red arrow.

9. Actual or potential impacts to human health or the environment, including actual or potential impacts to drinking water supplies.

No drinking water supplies were impacted by the spill. Air emissions from the spill were calculated to be less than 0.001 lb based on the room conditions at the time of the release and cleanup activities.

10. Weather conditions existing at the scene, including presence of precipitation and wind direction and velocity.

The release occurred indoors and was not affected by wind or precipitation.

11. Other agencies on-scene during the discharge incident.

No agencies were on-site during the discharge or clean-up.

SAFETY DATA SHEET

SECTION 1) CHEMICAL PRODUCT AND SUPPLIER'S IDENTIFICATION

Product ID: 3MDP134
Product Name: RC DEP 99.5%
Revision Date: Dec 09, 2016 **Date Printed:** Feb 21, 2017
Version: 2.0 **Supersedes Date:** Dec 02, 2016
Manufacturer's Name: WRR Environmental Services Co., Inc.
Address: 5200 Ryder Road, Eau Claire, WI, US, 54701
Emergency Phone: + (800) 424-9300
Information Phone Number: +1 (715) 834-9624
Fax:
Product/Recommended Uses:

SECTION 2) HAZARDS IDENTIFICATION

Classification:

Acute aquatic toxicity - Category 3

Pictograms:

None

Signal Word:

Not classified

Hazardous Statements - Environmental:

Harmful to aquatic life

Precautionary Statements - Prevention:

Avoid release to the environment.

Precautionary Statements - Response:

No precautionary statement available.

Precautionary Statements - Disposal:

Dispose of contents/container in accordance with local/regional/national/international regulation. Under RCRA it is the responsibility of the user of the products to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

SECTION 3) COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
0000084-66-2	DIETHYL PHTHALATE	99% - 100.00%

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

SECTION 4) FIRST-AID MEASURES

Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

Skin Contact:

Take off immediately contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water for at least 15-20 minutes. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before re-use.

Ingestion:

Seek medical attention immediately. Have list of ingredients ready. Induce vomiting if directed by medical personnel. Give large amounts of water to drink. Never give anything by mouth to an unconscious person. Get medical attention.

SECTION 5) FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Water fog, carbon dioxide, dry chemical for small fires, AFFF-ATC (alcohol) foam for large fires is recommended. Water spray is recommended to cool or protect exposed materials or structures. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. Sand or earth may be used for small fires only.

Unsuitable Extinguishing Media:

No data available.

Specific Hazards in Case of Fire:

Thermal decomposition may produce carbon monoxide and carbon dioxide.

Fire-Fighting Procedures:

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Special Protective Actions:

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

SECTION 6) ACCIDENTAL RELEASE MEASURES

Emergency Procedure:

Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

For personal protection, see Section 8.

Environmental Precautions:

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

Methods and Materials for Containment and Cleaning Up:

Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust.

SECTION 7) HANDLING AND STORAGE

General:

Use good personal hygiene practices.

Do not get in eyes, on skin or on clothing.

Do not breathe vapors or mists.

Ventilation Requirements:

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

Storage Room Requirements:

Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight, strong oxidizers and any incompatibilities. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Containers that have been opened must be carefully resealed to prevent leakage. Empty containers retain residue and may be dangerous.

SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection:

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, use in combination with a face shield.

Skin Protection:

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

Respiratory Protection:

Respiratory protection not required. Four nuisance exposures use type OV/AG respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH.

Appropriate Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mist below their respective threshold limit value.

Chemical Name	CAN_ALtm g	OSHA Tables (Z1, Z2, Z3)	OSHA Carcinogen	OSHA TWA (ppm)	OSHA TWA (mg/m3)	OSHA STEL (ppm)	OSHA STEL (mg/m3)	ACGIH TWA (ppm)	ACGIH STEL (ppm)	ACGIH STEL (mg/m3)	NIOSH TWA (ppm)	NIOSH TWA (mg/m3)
DIETHYL PHTHALATE												5

Chemical Name	NIOSH STEL (ppm)	NIOSH STEL (mg/m3)	ACGIH Carcinogen	NIOSH Carcinogen	ACGIH TLV Basis	ACGIH Notations	OSHA Skin designation
DIETHYL PHTHALATE			A4		URT irr	A4	

A4 - Not Classifiable as a Human Carcinogen, irr - Irritation, URT - Upper respiratory tract

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Density	9.33 lb/gal
Specific Gravity	1.12
% VOC	0.00%
Density VOC	0.00 lb/gal
% Solids By Weight	99.50%
Appearance	Liquid
Odor Threshold	N/A
Odor Description	N/A
pH	N/A
Flammability	N/A
Water Solubility	0.932 g/l at 68F
Flash Point Symbol	=
Flash Point	312.8 °F
Viscosity	11.53 mm ² /s at 68F
Lower Explosion Level	0.75% (V)
Upper Explosion Level	N/A
Vapor Pressure	<21 at 77F mmHg
Vapor Density	7.7 (Air = 1.0)
Freezing Point	27 °F
Melting Point	27 °F

Low Boiling Point	568 °F
High Boiling Point	570 °F
Auto Ignition Temp	854.6 °F
Evaporation Rate	N/A
Coefficient Water/Oil	N/A

SECTION 10) STABILITY AND REACTIVITY

Stability:

Material is stable at standard temperature and pressure.

Conditions to Avoid:

No data available.

Hazardous Reactions/Polymerization:

Will not occur

Incompatible Materials:

Avoid strong oxidizers and acids.

Hazardous Decomposition Products:

Thermal decomposition may produce carbon monoxide and/or carbon dioxide.

SECTION 11) TOXICOLOGICAL INFORMATION

Skin Corrosion/Irritation:

Causes mild skin irritation

Serious Eye Damage/Irritation:

Causes eye irritation

Carcinogenicity:

No component of the product presents, at levels greater than to equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

No component of the product presents, at levels greater than to equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

No component of the product presents, at levels greater than to equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Germ Cell Mutagenicity:

mouse lymphocyte - negative

Ames Test (S. typhimurium) - negative

Reproductive Toxicity:

No Data Available

Respiratory/Skin Sensitization:

OECD Test Guideline - mouse

Result: Did not cause sensitization on laboratory animals.

Specific Target Organ Toxicity - Single Exposure:

No Data Available

Specific Target Organ Toxicity - Repeated Exposure:

No Data Available

Aspiration Hazard:

No Data Available

Acute Toxicity:

No Data Available

SECTION 12) ECOLOGICAL INFORMATION

Toxicity:

Harmful to aquatic life

Persistence and Degradability:

Biodegradability
aerobic - Exposure time 28 d
Result: 94.6% Readily biodegradable

Bio-Accumulative Potential:

Lepomis macrochirus (Bluegill)
21 d - 0.00942 mg/l

Bioconcentration factor (BCF): 117

Mobility in soil:

No data available.

Other Adverse Effect:

No data available.

SECTION 13) DISPOSAL CONSIDERATIONS

Waste Disposal:

Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

WRR can provide reclamation or disposal service. Contact WRR for information.

SECTION 14) TRANSPORT INFORMATION

U.S. DOT Information:

Not regulated in containers containing less than the RQ amount.

IMDG Information:

Not regulated in containers containing less than the RQ amount.

IATA Information:

Not regulated in containers containing less than the RQ amount.

SECTION 15) REGULATORY INFORMATION

CAS	Chemical Name	% By Weight	Regulation List
0000084-66-2	DIETHYL PHTHALATE	99% - 100.00%	CERCLA,SARA312,TSCA,RCRA

SECTION 16) OTHER INFORMATION

Glossary:

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDGCanadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center(US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ - Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA - Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

Version 1.0:

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First Edition.

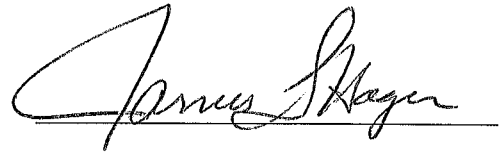
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WRR Environmental Services Co Inc.
5200 Ryder Road
Eau Claire WI 54701
FID ID# 618026530
EPA ID# WID990829475

Condition 86 – DNR Spill Hotline Report

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



James L Hager
President/CEO

4/28/2020

Date




20200417WC-18-1



Legend

0.2 0 0.2 Miles

1: 7,920 

NAD_1983_HARN_Wisconsin_TM

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Note: Not all sites are mapped.

Notes

WRR
Eau Claire, Eau Claire Co