

Ultrapac Pre-Treat with LVC

SDS Number: S903

Revision Date: February 13, 2017

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1	PRODUCT AND COMPANY IDENTIFICATION
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Product Name: Ultrapac Pre-Treat with LVC
Revision Date: February 13, 2017
Version: 44-50B
SDS Number: S903

Manufacturer: **Canadian Contact:**

Legend Brands
 325 S. Price RD.
 Chandler, AZ 85224
 Phone: 480-899-7000
 Fax: 480-786-9538
 Email: info@prochem.com
www.prochem.com

Legend Brands
 4520 Eastgate Parkway
 Mississauga, ON L4W 3W6
 Phone: 800-932-3030

Emergency Information: INFOTRAC 1-800-535-5053 International 1-352-323-3500

2	HAZARDS IDENTIFICATION
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Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):
 Physical, Flammable Liquids, 4
 Health, Acute toxicity, 5 Dermal

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:

No GHS pictograms indicated for this product

GHS Hazard Statements:

H227 - Combustible liquid
 H313 - May be harmful in contact with skin

GHS Precautionary Statements:

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P312 - Call a POISON CENTER/doctor/physician if you feel unwell.
 P370 + P378 - In case of fire: Use ABC to extinguish.
 P403 + P235 - Store in a well-ventilated place. Keep cool.

Route of Entry: Eyes; Skin; Inhalation
Target Organs: Eyes; Skin
Inhalation: Minimal respiratory tract irritation may occur with exposure to a large amount of material.
Skin Contact: May cause irritation.
Eye Contact: May cause irritation.
Ingestion: Ingestion is not applicable route of entry for intended use.

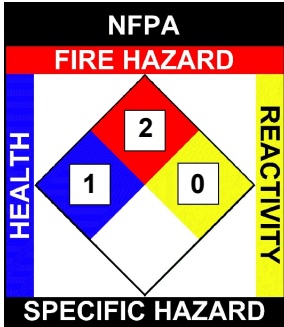
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NFPA: Health = 1, Fire = 2, Reactivity = 0, Specific Hazard = n/a
HMIS III: Health = 1, Fire = 2, Physical Hazard = 0
HMIS PPE: B - Safety Glasses, Gloves



HMIS	
HEALTH	1
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

3 COMPOSITION/INFORMATION OF INGREDIENTS

Ingredients:

Cas#	%	Chemical Name
111-76-2	3%	Ethylene Glycol Butyl Ether
112-34-5	8%	Diethylene glycol butyl ether

OSHA Regulatory Status:

This SDS contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

4 FIRST AID MEASURES

- Inhalation:** If symptoms develop, move victim to fresh air; if symptoms persist, obtain medical attention.
- Skin Contact:** Wash with soap and water. If irritation persists consult medical personnel.
- Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Get immediate medical attention.
- Ingestion:** If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured party is conscious, give two glasses of water. Seek medical attention.

5 FIRE FIGHTING MEASURES

Flash Point: 180°F
Flash Point Method: Closed Cup

Wear self-contained breathing apparatus and other protective clothing. Use any standard agent - choose the one most appropriate for type of surrounding fire.

6 ACCIDENTAL RELEASE MEASURES

Keep away from drains and ground water. Keep all unnecessary personnel away. Spill area may be slippery. Pick up excess with inert absorbent material and place into separate waste container. Ventilate area and wash spill site after material pickup is complete. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

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7	HANDLING AND STORAGE
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Handling Precautions: Avoid contact with eyes, skin, or clothing; Consider normal working hygiene. Handle with care and avoid spillage on the floor (slippage). Keep away from sources of ignition; wash thoroughly after handling.

Storage Requirements: Keep away from children. Store in cool/dry area; Keep container closed. Keep away from heat, sparks, and flames.

8	EXPOSURE CONTROLS/PERSONAL PROTECTION
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Engineering Controls: Normal room ventilation is satisfactory for limited use.

Personal Protective Equipment: HMIS PP, B | Safety glasses, Gloves

Ethylene glycol butyl ether 111-76-2 OSHA PEL 50 ppm - 240 mg/m3

Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance:	Opaque tan			
Physical State:	Liquid	Odor:	Solvent	
Spec Grav./Density:	9.52 lb/gal	Solubility:	Soluble	
pH:	9.48 as is			

10	STABILITY AND REACTIVITY
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Chemical Stability: Product is stable under normal conditions.

Conditions to Avoid: None known

Materials to Avoid: None known

Hazardous Decomposition: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, and other unidentified thermal decomposition products from this product or its packaging.

Hazardous Polymerization: Will not occur.

11	TOXICOLOGICAL INFORMATION
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Ethylene Glycol Butyl Ether cas#:(111-76-2) [3%]

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - 470 mg/kg

LC50 Inhalation - rat - 4 h - 450 ppm **Remarks: Behavioral:Ataxia. Nutritional and Gross Metabolic:Weight loss or decreased weight gain.**

LD50 Dermal - rabbit - 220 mg/kg

LD50 Intraperitoneal - rat - 220 mg/kg

LD50 Intravenous - rat - 307 mg/kg

Skin corrosion/irritation: Skin - rabbit **Result: Open irritation test**

Serious eye damage/eye irritation: Eyes - rabbit **Result: Moderate eye irritation - 24 h**

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2-Butoxyethanol)

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NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Overexposure may cause reproductive disorder(s) based on tests with 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

Diethylene glycol butyl ether cas#:(112-34-5) [8%]

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - male - 7,291 mg/kg (OECD Test Guideline 401)

Inhalation: no data available

LD50 Dermal - rabbit - male - 2,764 mg/kg (OECD Test Guideline 402)

Skin corrosion/irritation: Skin - rabbit Result: Mild skin irritation - 1 h (OECD Test Guideline 404)

Serious eye damage/eye irritation: Eyes - rabbit Result: Irritating to eyes. (OECD Test Guideline 405)

Respiratory or skin sensitisation: Maximisation Test - guinea pig Result: Does not cause skin sensitisation. (OECD Test Guideline 406)

Germ cell mutagenicity: Ames test S. typhimurium Result: negative

OECD Test Guideline 477 Drosophila melanogaster - male and female

Carcinogenicity:

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

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Reproductive toxicity - rat - male and female - Dermal:

No adverse effect has been observed in chronic toxicity tests.

Developmental Toxicity - rabbit - Dermal: No adverse effect has been observed in chronic toxicity tests.

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

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ECOLOGICAL INFORMATION

Ethylene Glycol Butyl Ether cas#:(111-76-2) [3%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - other fish - 220 mg/l - 96 h.

**Toxicity to daphnia and EC50 - Daphnia magna (Water flea) - 1,815 mg/l - 24 h.
other aquatic invertebrates**

Persistence and degradability: no data available

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Ratio BOD/ThBOD 88 %

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

Diethylene glycol butyl ether cas#:(112-34-5) [8%]

Information on ecological effects

Toxicity:

Toxicity to fish static test LC50 - *Lepomis macrochirus* - 1,300 mg/l - 96 h.
(OECD Test Guideline 203)

Toxicity to daphnia and static test EC50 - *Daphnia magna* (Water flea) - > 100 mg/l - 48 h.
other aquatic (Directive 67/548/EEC, Annex V, C.2.) invertebrates

Toxicity to algae static test EC50 - *Desmodesmus subspicatus* (*Scenedesmus subspicatus*) - >:
100 mg/l - 96 h (OECD Test Guideline 201)

Toxicity to bacteria LC50 - *Pseudomonas putida* - 1,170 mg/l - 16 h.

Persistence and degradability: Biodegradability aerobic - Exposure time 28 d Result: 91.7 % - Readily biodegradable. (OECD Test Guideline 301B)

Bioaccumulative potential: Does not bioaccumulate.

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

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DISPOSAL CONSIDERATIONS

Recommendation: Consult with the disposal agency and the relevant authorities. Empty containers may be cleaned with water.

Ethylene Glycol Butyl Ether cas#:(111-76-2) [3%]

Waste treatment methods

Product: This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging: Dispose of as unused product.

Diethylene glycol butyl ether cas#:(112-34-5) [8%]

Waste treatment methods

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Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging: Dispose of as unused product.

14	TRANSPORT INFORMATION
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Ship in accordance with 49 CFR parts 100-185. Non-hazardous for air, sea and road freight.

15	REGULATORY INFORMATION
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Component (CAS#) [%] - CODES

Ethylene Glycol Butyl Ether (111-76-2) [3%] MASS, OSHAWAC, PA, TSCA, TXAIR, WHMIS

Diethylene glycol butyl ether (112-34-5) [8%] TSCA, WHMIS

Regulatory CODE Descriptions

MASS = MA Massachusetts Hazardous Substances List
OSHA = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level
WHMIS = Workplace Haz Mat Info Sys Canada

16	OTHER INFORMATION
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This document is prepared in accordance with 29 CFR 1910.1200. The purpose of this section is to ensure that the hazards of all chemicals produced or imported are evaluated, and that information concerning their hazards is transmitted to employers and employees.

All information appearing herein is based upon data obtained from the raw material manufacturer and/or recognized technical sources. While the information above is believed to be true and accurate, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the manufacturer's control; therefore the users are responsible to verify this data under their own particular conditions, applications and regulations to determine if the product is suitable for their particular purposes. The users assume all risks of product use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures or processes.

Prepared by: EHS Manager

Phone Number: [480] 899-7000