
LEGGARI

WB URETHANE GLOSS

Part A Safety Data Sheet

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1 | PRODUCT IDENTIFICATION



TRADE NAME (AS LABELED):

LEGGARI WB URETHANE GLOSS PART A

SUPPLIER/MANUFACTURER'S NAME:

LEGGARI PRODUCTS, LLC

ADDRESS:

**3105 E AINSWORTH AVE
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**GHS ratings**

Oral Toxicity:	Acute Tox. 4	Oral > 300 + ≤ 2000 mg/kg
Skin Corrosive:	3	Reversible adverse effects in dermal tissue, Draize score: ≥ 1.5 > 2.3
Skin Sensitizer:	1	Skin Sensitizer

GHS hazards

H227 - Combustible liquid
H302 - Harmful if swallowed
H316 - Causes mild skin irritation
H317 - May cause an allergic skin reaction

GHS precautions

P210 - Obtain special instructions before use
P235 - Do not handle until all safety precautions have been read and understood
P261 - Avoid breathing dust/fumes/gas/mist/vapors/spray
P264 - Wash thoroughly after handling
P270 - Contaminated work clothing should not be allowed out of the workplace
P272 - Wear protective gloves/protective clothing/eye protection/face protection
P280 - Use personal protective equipment as required
P321 - Specific treatment (see ... on this label)
P330 - Take off contaminated clothing and wash before use
P363 - Wash contaminated clothing before reuse
P301 + P312 - IF ON SKIN: Wash with soap and water
P302 + P352 - IF exposed or concerned: Get medical advice/attention
P333 + P313 - If skin irritation or a rash occurs: Get medical advice/attention
P370 + P378 - In case of fire: Use... for extinction
P403 + P235 - Store in a well ventilated place. Keep cool
P501 - Dispose of contents/container to...

Signal Word: warning



Chemical Name	CAS number	Weight Concentration %
1-Butoxy-2-propanol	5131-66-8	1.00% - 5.00%
Triethanolamine	102-71-6	1.00% - 5.00%
Dipropylene glycol monomethyl ether	34590-94-8	1.00% - 5.00%



FIRST AID MEASURES FOR DIFFERENT EXPOSURE ROUTES

Inhalation

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation.

Ingestion

If swallowed, do not induce vomiting. If victim is conscious and alert, give 2 to 4 cups full of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Treat symptomatically and supportively.

Aspiration hazard

Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention.

Skin contact

Remove contaminated clothing. Wash skin with soap and water. Get medical attention if irritation develops or persists.

Eye contact

Immediately flush eyes with plenty of water for least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

**Extinguishing media**

Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical and Water Fog.

Unusual fire and explosion hazards

No unusual fire or explosion hazards noted. Keep containers tightly closed.

Special firefighting procedures

Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred.



PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

For non-emergency personnel

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Precaution for Safe Handling**

Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

Conditions for Safe Storage

Keep from freezing. Store in a dry, well ventilated place. Keep container tightly closed when not in use.



Chemical / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
1-Butoxy-2-propanol 5131-66-8	Not Established	Not Established	Not Established
Triethanolamine 102-71-6	Not Established	5 mg/m ³ TWA	Not Established
Dipropylene glycol monomethyl ether 34590-94-8	100 ppm TWA; 600 mg/m ³ TWA	150 ppm STEL 100 ppm TWA	NIOSH: 100 ppm TWA; 600 mg/m ³ TWA 150 ppm STEL; 900 mg/m ³ STEL

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

Respiratory protection

A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Engineering controls

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

Other protective equipment

Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application. Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

Skin protection

Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

Hygienic practices

Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

Eye protection

Use safety eye wear designed to protect against splash of liquids.



<u>Appearance:</u>	Liquid, Milky
<u>Odor:</u>	Mild
<u>Odor threshold:</u>	N/A
<u>PH:</u>	Neutral
<u>Melting point:</u>	N/A
<u>Boiling point:</u>	212 °F (100°C)
<u>Flash Pt (F/C):</u>	167°F, (75°C)
<u>Evaporation rate:</u>	0.38
<u>Flammability (solid, gas):</u>	N/A
<u>LEL/UEL:</u>	N/A
<u>Vapor Pressure:</u>	N/A
<u>Vapor density:</u>	5.1
<u>Relative density:</u>	1.05
<u>Solubility:</u>	Dilutable
<u>Partition coefficient-</u>	
<u>Octanol/water:</u>	N/A
<u>Autoignition temp:</u>	270°C
<u>Decomposition temp:</u>	N/A
<u>Viscosity:</u>	N/A



Conditions to avoid

Avoid contact with strong acid and strong bases.

Hazardous decomposition

By open flame, carbon monoxide and carbon dioxide. When heated to decomposition, it emits acrid smoke and irritating fumes.

Hazardous polymerization

Will not occur under normal conditions.

Stability

This product is stable under normal storage conditions.

Incompatibility

Incompatible with strong oxidizing agents, strong acids and strong alkalis.



MIXTURE TOXICITY

Oral toxicity LD50: 518mg/kg

COMPONENT TOXICITY

5131-66-8	1-Butoxy-2-propanol Oral LD50: 1,900 mg/kg (RAT)
102-71-6	Triethanolamine Oral LD50: 4,190 mg/kg (Rat)

EXPOSURE TO THIS MATERIAL MAY AFFECT THE FOLLOWING ORGANS:

EFFECTS OF OVEREXPOSURE

Eye contact

Causes eye irritation. Irritating, and may injure eye tissue if not removed promptly.

Inhalation

Low hazard for usual industrial handling or commercial handling by trained personnel. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist.

Skin contact

Substance may cause slight skin irritation. Low hazard for usual industrial handling or commercial handling by trained personnel.

Ingestion

Substance may be harmful if swallowed.

Primary Route(s) of entry

Eye contact, ingestion, inhalation, skin absorption and skin contact.

Chronic hazards:

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.



COMPONENT ECOTOXICITY:

Triethanolamine

- 96 Hr LC50 Pimephales promelas: 10600 - 13000 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: >1000 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 450 - 1000 mg/L [static]
72 Hr EC50 Desmodesmus subspicatus: 216 mg/L; 96 Hr EC50 Desmodesmus subspicatus: 169 mg/L

Dipropylene glycol monomethyl ether

- 96 Hr SC50 Pimephales promelas: >10000 mg/L [static]
48 Hr LC50 Daphnia magna: 1919 mg/L



DISPOSAL INFORMATION:

Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not allow to enter waterways, wastewater, soil, storm drains or sewer systems.



THIS MATERIAL IS CLASSIFIED FOR TRANSPORT AS FOLLOWS:

<u>Agency:</u>	DOT
<u>Proper Shipping Name:</u>	Non-Regulated Material
<u>UN Number:</u>	UN3066
<u>Packing Group:</u>	III
<u>Hazard Class:</u>	8



State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

- None

CERCLA-SARA Hazard Category:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

- None

Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

- None



HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

HMIS & NFPA Hazard Rating Legend

* = Chronic Health Hazard

0 = Insignificant

1 = Slight

2 = Moderate

3 = High

Prepared by:

LEGGARI PRODUCTS LLC

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DISCLAIMER:

Leggari Products, LLC believes, to the best of its knowledge, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. Leggari Products, LLC makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.