



# SAFETY DATA SHEET

Issue Date 01-Apr-2015

Revision Date 13-Mar-2015

Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

<b>Product Name</b>	<b>WEN LIQUID SHIELD SEALER</b>
<b>Product Code</b>	<b>FLFDPSWXWEN-LSFS</b>
<b>Customer Code</b>	<b>Not available</b>

### Other means of identification

### Recommended use of the chemical and restrictions on use

<b>Recommended Use</b>	Sealant
<b>Uses advised against</b>	Use only as stated on label.

### Details of the supplier of the safety data sheet

**Manufactured For / Distributed By**  
**Walter E. Nelson, Company**  
 5937 North Cutter Circle  
 Portland, OR 97217  
 Phone (503) 285-3037  
 E-Mail customerservice@walterenelson.com

### Emergency telephone number

**24 Hour Emergency Phone Number (800) 228-5635 X059**

## 2. HAZARDS IDENTIFICATION

### Classification

Acute toxicity - Oral	Not classified
Chronic aquatic toxicity	Category 3

### Label elements

## Emergency Overview

### **Hazard statements**

Harmful to aquatic life with long lasting effects

### **Precautionary Statements - Prevention**

- Avoid release to the environment

### **Precautionary Statements - Response**

- Specific Treatment (See Section 4 on the SDS)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Drink plenty of water.

#### Precautionary Statements - Storage

- Keep out of reach of children

#### Precautionary Statements - Disposal

- Dispose of contents/container to an approved waste disposal plant

#### Hazards not otherwise classified (HNOC)

##### Other Information

Unknown Acute Toxicity

0.02% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
PROPRIETARY	Proprietary	1-5	*
2-(2-ethoxyethoxy)ethanol	111-90-0	1-5	*
PROPRIETARY	Proprietary	1-5	*
Tributoxyethyl Phosphate	78-51-3	1-5	*
PROPREITARY	Proprietary	1-5	*
2,2,2-Trimethyl-1,3-Pentanediol Diisobutyrate	6846-50-0	1-5	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

#### First aid measures

##### General advice

Immediate medical attention is required.

##### Skin Contact

Immediate medical attention is required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

##### Eye contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Call a physician immediately.

##### Inhalation

Immediate medical attention is required. Remove to fresh air. If not breathing, give artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.

##### Ingestion

Do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Drink plenty of water.

**Self-protection of the first aider** Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

#### Most important symptoms and effects, both acute and delayed

##### Symptoms

Any additional important symptoms and effects are described in Section 11: Toxicology Information.

#### Indication of any immediate medical attention and special treatment needed

##### Note to physicians

Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Protective equipment and precautions for firefighters** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Use personal protective equipment as required. Keep people away from and upwind of spill/leak.

### Environmental precautions

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so. Cover powder spill with plastic sheet or tarp to minimize spreading. Dike far ahead of liquid spill for later disposal.

**Methods for cleaning up** Cover liquid spill with sand, earth or other non-combustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wash contaminated clothing before reuse. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.

**Incompatible materials** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

*NIOSH IDLH Immediately Dangerous to Life or Health*

**Other Information** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

### Appropriate engineering controls

**Engineering Controls** Showers, Eyewash stations & Ventilation systems

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Tight sealing safety goggles.  
**Skin and body protection** No special technical protective measures are necessary.  
**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene**

When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Wash hands thoroughly after handling. Keep away from food, drink and animal feeding stuffs. Wear suitable gloves and eye/face protection.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Liquid
<b>Appearance</b>	Opaque
<b>Color</b>	White
<b>Odor</b>	Sweet
<b>Odor threshold</b>	No Information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH		
Specific Gravity	1.027	
Viscosity	Water Thin	
Melting point/freezing point	No Information available	
Flash point	none above 200F	
Boiling point / boiling range	No Information available	
Evaporation rate	Same as water	
Flammability (solid, gas)		
Flammability Limits in Air		
Upper flammability limit:	No Information available	
Lower flammability limit:	No Information available	
Vapor pressure	No Information available	
Vapor density	No Information available	
Water solubility	Miscible in water	
Partition coefficient	No Information available	
Autoignition temperature	No Information available	
Decomposition temperature	No Information available	

### Other Information

Density Lbs/Gal	8.56
VOC Content (%)	4.1

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available

<b>Stability</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.
<b>Conditions to avoid</b>	Extremes of temperature and direct sunlight.
<b>Incompatible materials</b>	None known based on information supplied.
<b>Hazardous Decomposition Products</b>	None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Inhalation</b>	No data available.
<b>Eye contact</b>	May cause irritation.
<b>Skin Contact</b>	Prolonged contact may cause redness and irritation.
<b>Ingestion</b>	May be harmful if swallowed.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50

2-(2-ethoxyethoxy)ethanol 111-90-0	= 1920 mg/kg ( Rat )	= 4200 µL/kg ( Rabbit ) = 6 mL/kg ( Rat )	> 5240 mg/m <sup>3</sup> ( Rat ) 4 h
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**Information on toxicological effects**

**Symptoms** No Information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No Information available.  
**Germ cell mutagenicity** No Information available.  
**Carcinogenicity** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Reproductive toxicity** No Information available.  
**STOT - single exposure** No Information available.  
**STOT - repeated exposure** No Information available.  
**Target organ effects** EYES, Gastrointestinal tract (GI), Respiratory system.  
**Aspiration hazard** No Information available.

**Numerical measures of toxicity - Product Information**

**Unknown Acute Toxicity** 0.02% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

19.33% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
2-(2-ethoxyethoxy)ethanol 111-90-0	Yes	10000: 96 h Lepomis macrochirus mg/L LC50 static 19100 - 23900: 96 h Lepomis macrochirus mg/L LC50 flow-through 11400 - 15700: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 11600 - 16700: 96 h Pimephales promelas mg/L LC50 flow-through 13400: 96 h Salmo gairdneri mg/L LC50 flow-through	3940 - 4670: 48 h Daphnia magna mg/L EC50
Tributoxyethyl Phosphate 78-51-3	Yes	10.4 - 12.0: 96 h Pimephales promelas mg/L LC50 flow-through	Yes
PROPREITARY	Yes	3.7: 96 h Fish mg/L LC50	Yes
2,2,2-Trimethyl-1,3-Pentanediol Diisobutyrate 6846-50-0	Yes	1.55: 96 h Pimephales promelas mg/L LC50 static	1.46: 48 h Daphnia magna mg/L EC50

**Persistence and degradability** No Information available.

**Bioaccumulation** No Information available.

Chemical Name	Partition coefficient
2-(2-ethoxyethoxy)ethanol 111-90-0	-0.8
Tributoxyethyl Phosphate 78-51-3	4.78

**Other adverse effects** No Information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

<b>Disposal of wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated packaging</b>	Do not reuse container.
<b>US EPA Waste Number</b>	U069

This product contains one or more substances that are listed with the State of California as a hazardous waste.

<b>14. TRANSPORT INFORMATION</b>
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**Note:** The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

**U.S. Department of Transportation (USDOT)**

<b>4x1 Gallon Case</b>	<i>Not regulated</i>
<b>Pails &amp; Drums (&lt;119 Gallons)</b>	<i>Not regulated</i>

<b>15. REGULATORY INFORMATION</b>
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**International Inventories**

<b>TSCA</b>	<i>Complies</i>	<b>DSL/NDSL</b>	<i>Complies</i>
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*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*  
*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	SARA 313 - Threshold Values %
2-(2-ethoxyethoxy)ethanol - 111-90-0	1.0

**SARA 311/312 Hazard Categories**

<b>Acute health hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire hazard</b>	No
<b>Reactive Hazard</b>	No
<b>Sudden release of pressure hazard</b>	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
2-(2-ethoxyethoxy)ethanol 111-90-0	X	-	X

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not Applicable

**Additional information** .? % ALL VOC CONTENT IS CARB EXEMPT AS LVP.

**16. OTHER INFORMATION**

HMIS

Health hazards	Flammability	Physical hazards	Personal protection
<b>1</b>	<b>1</b>	<b>0</b>	<b>A</b>

**Prepared By** Regulatory Department  
**Issue Date** 01-Apr-2015  
**Revision Date** 13-Mar-2015

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

*End of Safety Data Sheet*