



# SAFETY DATA SHEET

## BENITE AQUASEAL

Revised Date: 11-17-2015

Supersedes: 11-27-2012

### 1. Identification

<b>Product identifier</b>	Benite Aquaseal	
<b>Other means of identification</b>		
<b>SDS number</b>	06	
<b>Synonyms</b>	21500	
<b>Recommended use</b>	Not available.	
<b>Recommended restrictions</b>	Not available.	
<b>Manufacturer/Importer/Supplier/Distributor information</b>		
<b>Manufacturer/Supplier</b>	Daly's Wood Finishing Products 4522 S 133 <sup>rd</sup> Street Tukwila , Wa 98168	
<b>General Assistance</b>	(206) 244-8844, toll free: (800) 727-9694	
<b>E-Mail</b>	Not available.	
<b>Contact Person</b>	Not available.	
<b>Emergency Telephone</b>	Chemtrec : 800-424-9300	

### 2. Hazard(s) Identification

<b>Physical hazards</b>	Not classified	
<b>Health hazards</b>	Carcinogenicity	Category 2
<b>Label elements</b>		
<b>Signal word</b>	Warning	
<b>Hazard statement</b>	Suspected of causing cancer.	
<b>Precautionary statement</b>		
<b>Prevention</b>	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection.	
<b>Response</b>	IF exposed or concerned: Get medical advice/attention.	
<b>Storage</b>	Store locked up.	
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.	
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.	



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### 3. Composition/information on ingredients

#### Mixtures

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
Poly(oxy-1,2-ethanediyl), a-sulfo- w-hydroxy-, C12-14-alkyl ethers, sodium salts	68891-38-3	25
Naphtha (petroleum), hydrotreated heavy	64742-48-9	
Ethylbenzene	100-41-4	
Oxirane, Me, polymer with oxirane monobutyl ether (polyalkylene glycol)	9038-95-3	<1

### 4. First-aid measures

#### Inhalation

Move individual to fresh air. If breathing has stopped, apply artificial respiration. Get medical attention immediately.

#### Skin contact

Wash with soap and water.

#### Eye contact

Wash with clean water for at least fifteen minutes; get medical attention.

#### Ingestion

DO NOT INDUCE VOMITING. Give water or milk to drink; get medical attention.

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

May cause redness, irritation of eye. Ingestion may cause nausea, gastrointestinal irritation, or vomiting.

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

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed. In case of shortness of breath, give oxygen. Keep victim warm.

#### General information

If exposed or concerned: get medical attention/advice. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use.

### 5. Fire-fighting measures

#### Suitable extinguishing media

The product is non flammable.

#### Unsuitable extinguishing media

None known.

#### Specific hazards arising from the

None known.



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### chemical

#### Special protective equipment and Special firefighting procedures

Fight as a volatile fire; do not enter enclosed or confined fire spaces without proper protective equipment. This may include self-contained breathing apparatus.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

#### Environmental Precautions Methods and materials for containment and cleaning up

Avoid discharge into drains, water courses or onto the ground. Provide ventilation. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Stop the flow of material, if this is without risk. Soak up spill with absorbent material. Let dry and dispose of. Rags and absorbent material should be immersed in water. For waste disposal, see section 13 of the SDS.

### 7. Handling and storage

#### Precautions for safe handling

Read and observe all precautions on label. Use only with adequate ventilation. Do not breathe mist or vapor. Do not get in eyes, on skin, or on clothing. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

#### Conditions for safe storage

KEEP OUT OF REACH OF CHILDREN. Store locked up. Store in original container; keep tightly closed and appropriately labeled. Do not reuse container for other purposes.

#### Incompatible materials

None known.

### 8. Exposure controls/personal protection

#### Occupational exposure limits

#### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Components	Type	Value
Ethylbenzene	PEL(TWA)	100 ppm



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### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Ethylbenzene	TWA	100 ppm

### US. OSHA Table Z-2 (29 CFR 1910.1000)

None of the components in this product is listed.

### US. OSHA Table Z-3 (29 CFR 1910.1000)

None of the components in this product is listed.

### US. ACGIH Threshold Limit Values

Components	Type	Value
Ethylbenzene	TLV(TWA)	20 ppm

### US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Ethylbenzene	REL(TWA)	100 ppm
	REL(ST)	125 ppm

### Appropriate engineering controls

Provide adequate general and local exhaust ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

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

**Eye/face protection** Goggles or face shield.

### Skin protection

**Hand protection**

Rubber or plastic if repeated contact is likely.

**Other**

Wear impervious protective clothing. Eyewash station should be available.

### Respiratory protection

None required unless spraying material. If material to be sprayed, wear NIOSH-approved respirator for organic vapors. Ensure workers are trained in their proper use.

### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

### General hygiene considerations

Avoid contact with eyes. Avoid contact with skin. Keep away from food and drink. Keep work area clean and free from spills and leaks. Wash hands before breaks and immediately after handling the product. Provide eyewash station and safety shower. Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and chemical properties

### Appearance

Milky white liquid.

### Physical state

Liquid.

### Form

Liquid.



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<b>Color</b>	Milky white.
<b>Odor</b>	Very little odor.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point</b>	Not available.
<b>Freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	212 °F
<b>Flash point</b>	Not available.
<b>% Volatile by Volume</b>	90+%
<b>Evaporation rate (BuOAc=1)</b>	As water.
<b>Maximum Volatile Organic Compound (V.O.C.)</b>	40 grams/liter
<b>Flammability (solid, liquid, gas)</b>	Non flammable.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit – lower (%)</b>	Not available.
<b>Flammability limit – upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure (mm Hg)</b>	As water.
<b>Vapor density (Air=1)</b>	As water.
<b>Relative density (Specific gravity)</b>	1.02
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Completely soluble in water.
<b>Solubility (other)</b>	Soluble in alcohol. Insoluble in most petroleum solvents.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.

### 10. Stability and reactivity

<b>Reactivity</b>	Hazardous reactions will not occur under normal conditions.
<b>Chemical stability</b>	Stable under recommended handling and storage conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization will not occur.
<b>Conditions to avoid</b>	Keep from freezing.
<b>Incompatible materials</b>	None known.
<b>Hazardous decomposition Products</b>	Usual products of combustion: CO <sub>2</sub> and oxides of nitrogen.

### 11. Toxicological information

#### Information on likely routes of exposure

<b>Ingestion</b>	May cause nausea, gastrointestinal irritation or vomiting.
<b>Inhalation</b>	No known adverse effects.



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<b>Skin contact</b>	No known adverse effects.
<b>Eye contact</b>	May cause redness and irritation.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	May cause redness, irritation of eye. Ingestion may cause nausea, gastrointestinal irritation, or vomiting.
<b>Delayed and immediate effects and also chronic effects from short- and long-term exposure</b>	No adverse long term effects are known, when used in accordance with safe handling information (see section 8).

### Numerical measures of toxicity

<b>Components</b>	<b>Test</b>	<b>Species</b>	<b>Test Results</b>
Poly(oxy-1,2-ethanediyl), asulfo-w-hydroxy-, C12-14-alkyl ethers, sodium salts (CAS 68891-38-3)	Oral LD <sub>50</sub> Dermal LD <sub>50</sub>	Rat Rabbit	>2000 mg/kg >2000 mg/kg
Naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9)	Oral LD <sub>50</sub> Dermal LD <sub>50</sub> Inhalation LC <sub>50</sub>	Rat Rabbit Rat	>5000 mg/kg > 2000 mg/kg > 5.61 mg/l, 4h
Ethylbenzene (CAS 100-41-4)	Oral LD <sub>50</sub> Dermal LD <sub>50</sub> Inhalation LC <sub>50</sub>	Rat Rabbit Rat	3500 mg/kg 17800 mg/kg 9.6 mg/l, 4h
Oxirane, Me, polymer with oxirane monobutyl ether (polyalkylene glycol) (CAS 9038-95-3)	Inhalation LC <sub>50</sub> Oral LD <sub>50</sub>	Rat Rat	5370 mg/kg

<b>Skin corrosion/irritation</b>	No data available.
<b>Serious eye damage/eye irritation</b>	No data available.
<b>Respiratory or skin sensitization</b>	
<b>Respiratory sensitization</b>	No data available.
<b>Skin sensitization</b>	No data available.
<b>Germ cell mutagenicity</b>	No data available.
<b>Carcinogenicity</b>	Suspected of causing cancer.
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>	
Ethylbenzene	2B "Possibly carcinogenic to humans".
<b>NTP Report on Carcinogen</b>	
Ethylbenzene	Not listed
<b>U.S OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>	
Ethylbenzene	Not listed
<b>Reproductive toxicity</b>	No data available.
<b>Specific target organ toxicity - single exposure</b>	No data available.
<b>Specific target organ toxicity - repeated exposure</b>	No data available.
<b>Aspiration hazard</b>	No data available.



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### 12. Ecological information

#### Numerical measures of toxicity

Components	Test	Species	Test Results
Poly(oxy-1,2-ethanediyl), asulfow-hydroxy-, C12-14-alkyl ethers, sodium salts (CAS 68891-38-3)	Fish LC <sub>50</sub>	Fish	0.1 mg/l, 28d
	Crustacea EC <sub>50</sub>	Water flea ( <i>Daphnia magna</i> )	7.4 mg/l, 48h
	Algae EC <sub>50</sub>	Algae	27.7 mg/l, 72h
Ethylbenzene (CAS 100-41-4)	Fish LC <sub>50</sub>	Rainbow trout ( <i>Oncorhynchus mykiss</i> )	4.2 mg/l, 96h
	Crustacea EC <sub>50</sub>	Water flea ( <i>Daphnia magna</i> )	1.81 mg/l, 48h
	Algae EC <sub>50</sub>	Microalga ( <i>Selenastrum capricornutum</i> )	4.6 mg/l, 72h

#### Persistence and degradability

No information available.

#### Bioaccumulative potential

No information available.

#### Mobility in soil

No information available.

#### Other adverse effects

No information available.

### 13. Disposal considerations

#### Disposal instructions

Dispose in accordance with all applicable federal, state and local regulations. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container; dispose of this material and its container in a safe way.

#### Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not reuse container for other purposes.

### 14. Transport information

In accordance with DOT  
In accordance with IMDG  
In accordance with IATA

Not regulated for transport.  
Not regulated for transport.  
Not regulated for transport.

### 15. Regulatory information

#### US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA



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Hazard Communication Standard, 29 CFR 1910.1200.

Some components are on the U.S. EPA TSCA Inventory List.

### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Iron(1+),chloro[dimethyl-9,9-dihydroxy-3-methyl-2,4-di- Listed  
(2-pyridinyl-kN)-7-[(2-pyridinyl kN)methyl]-3,7-  
diazabicyclo[3.3.1]nonane-1,5-dicarboxylate-kN3,kN7]-,  
chloride(1-) (CAS 478945-46-9)

### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Ethylbenzene (CAS 100-41-4) Listed

### CERCLA Hazardous Substance List (40 CFR 302.4)

Ethylbenzene (CAS 100-41-4) Listed

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories			
Immediate Hazard	-	No	
Delayed Hazard	-	Yes	
Fire Hazard	-	No	
Pressure Hazard	-	No	
Reactivity Hazard	-	No	

### SARA 302/304 Extremely hazardous substance

None of the chemicals in this product is listed.

SARA 311/312 Hazardous chemical Yes

### SARA 313 (TRI reporting)

Chemical Name	CAS number	% by wt
Ethylbenzene	100-41-4	>1

### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Ethylbenzene (CAS 100-41-4)

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

None of the chemicals in this product is listed.

#### Safe Drinking Water Act (SDWA)

None of the chemicals in this product is listed.

### US State regulations

WARNING: This product contains chemicals known to the state of California to cause cancer.

#### US. New Jersey Worker and Community Right-to-Know Act

Ethylbenzene (CAS 100-41-4)

1,2-propanediol (CAS 57-55-6)

#### US. Pennsylvania Worker and Community Right-to-Know Law

Ethylbenzene (CAS 100-41-4)

1,2-propanediol (CAS 57-55-6)

#### US. California Proposition 65

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT):

Ethylbenzene (CAS 100-41-4)





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### International Inventories

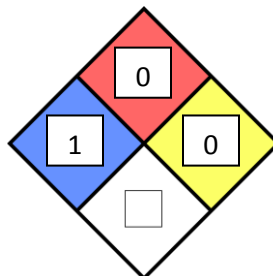
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non- Domestic Substances List (NDSL)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

### 16. Other information, including date of preparation or last revision

**Issue date** 11-27-2012  
**Revision date** 11-17-2015  
**Version #** 01  
**NFPA rating**



### References

ACGIH: Documentation of the Threshold Limit Values and Biological Exposure indices  
 ECHA: European Chemicals Agency  
 HSDB: Hazardous Substances Data Bank  
 IARC: International Agency for Research on Cancer  
 NIOSH: The National Institute for Occupational Safety and Health  
 NTP: National Toxicology Program  
 NLM: Hazardous Substances Data Base  
 OECD : Organization for Economic Co-operation and Development  
 OSHA: Occupational Safety and Health Administration

### Disclaimer

The information, recommendations, and suggestions presented in this SDS are based upon test results and data believed to be reliable. The end user of the product has the responsibility for evaluating the adequacy of the data under the conditions of use, determining the safety, toxicity and suitability of the product under these conditions, and obtaining additional or clarifying information where uncertainty exists. No guarantee expressed or implied is made as to the effects of such use, the results to be obtained, or the safety and toxicity of the product in any



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specific application. Furthermore, the information herein is not represented as absolutely complete, since it is not practicable to provide all the scientific and study information in the format of this document, plus additional information may be necessary under exceptional conditions of use, or because of applicable laws or government regulations. All materials may present unknown hazards and should be used with caution.