

## Safety Data Sheet

### **Section 1: Company and Product Information**

**Product Name:** AQUAXYL™  
**INCI Name:** Xylitylglucoside (and) Anhydroxylitol (and) Xylitol  
**Product Use:** Cosmetic and personal care applications.  
**Restrictions on Use:** Repackaged for cosmetic use only.  
**Supplier:** Windy Point Soap Making Supplies Inc.  
14, 6125-12th Street SE  
Calgary, AB T2H 2K1  
587-318-6678 / 877-257-0030  
**Emergency Phone Number:** 1-800-424-9300; International: 1-703-527-3887

### **Section 2: Hazard Identification**

#### **Classification of the substance or mixture**

This mixture has not been tested as a whole. The effects, listed below, are based on evaluation of individual components in accordance with the provisions of the regulation(s) noted below.

**OSHA/HCS status:** While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SOS contains valuable information critical to the safe handling and proper use of the product. This SOS should be retained and available for employees and other users of this product.  
**Classification of the substance or mixture:** Not classified.

**Hazards not otherwise classified:** None known.

#### **GHS Label Elements**

**Signal word:** None.

**Hazard statements:** No known significant effects or critical hazards.

**Contains:** D-Glucose, polymer with xylitol and D-Xylitol, 1,4-anhydro-and Xylitol

#### **Supplemental label elements:**

**Storage:** STORE UNDER COVER. Keep away from heat. Store in tightly-closed container.

### **Section 3: Composition / Information on Ingredients**

**Substance/mixture:** Mixture.  
**INCI Name:** XYLITYLGLUCOSIDE AND ANHYDROXYLITOL AND XYLITOL  
**Ingredient name:** D-Glucose, polymer with xylitol and D-Xylitol, 1,4-anhydro-and Xylitol  
**Identifiers:** %  
- 80-100

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

### **Section 4: First Aid Measures**

#### **Description of first aid measures**

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing, Get medical attention if symptoms occur.

**Eye exposure:** There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

**Skin exposure:** Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes, Get medical attention if symptoms occur,

**Ingestion:** Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

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**Most important symptoms and effects, both acute and delayed:**

No known significant effects or critical hazards.

**Indication of any immediate medical attention and special treatment needed:**

Treat symptomatically, Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Over-exposure signs/symptoms:**

No specific data.

### **Section 5: Fire Fighting Measures**

**Extinguishing media**

**Suitable:**

Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable:**

None known.

**Special hazards arising from the substance or mixture:**

In a fire or if heated, a pressure increase will occur, and the container may burst.

**During firefighting:**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face, piece operated in positive pressure mode.

**Advice for firefighters:**

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training,

**Hazardous thermal decomposition products:**

Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide

### **Section 6: Accidental Release Measures**

**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. 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".

**Environmental precautions:**

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**Methods and materials for containment and cleaning up:**

**Small spill:**

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill:**

Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

### **Section 7: Handling and Storage**

**Precautions for safe handling:**

**Protective measures:**

Put on appropriate personal protective equipment (see Section 8).

**Advice on general occupational hygiene:**

Eating, drinking and smoking should be prohibited In areas where this material is handled, stored and processed. Workers should wash hands and face before eating,

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**Conditions for safe storage, including any incompatibilities:**

drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Store between the following temperatures: 5 to 25°C (41 to 77°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store it in unlabeled containers. Use appropriate containment to avoid environmental contamination.

STORE UNDER COVER. Keep away from heat. Store in tightly closed container.

### Section 8: Exposure Control / Personal Protection

**Control parameters**

**Occupational exposure limits:**

Ingredient name	Exposure limits
D-Glucose, polymer with xylitol and D-Xylitol, 1,4-anhydro- and Xylitol	None.

**Appropriate engineering controls:**

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Environmental exposure controls:**

Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters, or engineering modifications to the process equipment will be necessary to reduce emissions to preventable levels. Wash hands, forearms, and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Hygiene measures:**

**Eye/face protection:**

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side- shields.

**Respiratory protection:**

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

**Hand protection:**

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Body protection:**

Recommended: fluor rubber, butyl rubber, nitrile rubber, PVC.  
Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection:**

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

### Section 9: Physical and Chemical Properties

<b>Physical state:</b>	Liquid
<b>Colour:</b>	Clear, opalescent
<b>Odour:</b>	Characteristic
<b>pH:</b>	5.5-7.5 [Conc. (% w/w): 5%]

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**Melting point:** <-5°C (<23°F)  
**Boiling point:** >100°C (>212°F)  
**Flash point:** Closed cup: >100°C (>212°F) [Estimated.]  
**Flammability:** None available  
**Density:** 1.36 g/cm<sup>3</sup> to 25°C  
**Solubility:** Easily soluble in the following materials: cold water.  
**Viscosity:** Dynamic: 2000 mPa·s (2000 cP)  
**Temperature of viscosity measurement:** 20°C

### Section 10: Stability and Reactivity

**Reactivity conditions:** No specific test data related to reactivity available for this product or its ingredients.  
**Chemical stability:** Stable.  
**Conditions of instability:** Keep away from oxidizing agents.  
**Possibility of hazardous reactions:** Hazardous reactions or instability may occur under certain conditions of storage or use.  
**Conditions to avoid:** No specific data.  
**Hazardous decomposition products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### Section 11: Toxicological Information

#### Toxicological Effects

##### Acute toxicity

**Conclusion/summary:** Not classified as dangerous (oral, dermal)

##### Irritation/corrosion

**Skin:** Non-irritating to the skin.

**Eyes:** Moderately irritating to eyes.

##### Sensitization

**Conclusion/summary:**

**Skin:** Non-sensitizer to skin.

##### Mutagenicity

Product name	Test	Experiment	Result
D-Glucose, polymer with xylitol and D-Xylitol, 1, 4-anhydro-and Xylitol	OCDE 471	Experiment: In vitro Subject: Bacteria	Negative
	OCDE 473	Experiment: In vitro Subject: Mammalian-Human	Negative
	OCDE 474	Experiment: In vivo Subject: Mammalian-Animal	Negative

**Conclusion/summary:** Not mutagenic in a standard battery of genetic toxicological tests.

##### Carcinogenicity

**Conclusion/summary:** Not available.

##### Reproductive toxicity

Product name	Maternal toxicity	Fertility	Developmental toxin	Test	Dose	Exposure
D-Glucose, polymer with xylitol and D-Xylitol, 1, 4-anhydro-and Xylitol	Negative	Negative	Negative	OCDE 421	Oral: 1000 mg/kg bw/day	-

**Conclusion/summary:** NOAEL and NOEL: 1000 mg/kg bw/day

##### Teratogenicity

**Conclusion/summary:** Not available.

**Specific target organ toxicity (single exposure):** Not available.

**Specific target organ toxicity (repeated exposure):** Not available.

**Aspiration hazard:** Not available.

**Delayed and immediate effects and also chronic effects from short and long term exposure**

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### Short term exposure

**Potential immediate effects:** Not available.

**Potential delayed effects:** Not available.

### Long term exposure

**Potential immediate effects:** Not available.

**Potential chronic health effects:**

Product name	Result	Test	Dose	Exposure
D-Glucose, polymer with xylitol and D-Xylitol, 1, 4-anhydro-and Xylitol	Sub-acute NOEL Oral	OCDE407	1000 mg/kg bw/day	28 days

**Conclusion/summary:** Not classified as dangerous.

**General:** No known significant effects or critical hazards.

**Carcinogenicity:** No known significant effects or critical hazards.

**Mutagenicity:** No known significant effects or critical hazards.

**Teratogenicity:** No known significant effects or critical hazards.

**Developmental effects:** No known significant effects or critical hazards.

**Fertility effects:** No known significant effects or critical hazards.

### Section 12: Ecological Information

#### Toxicity:

Product name	Result	Test	Species	Exposure
D-Glucose, polymer with xylitol and D-Xylitol, 1, 4-anhydro-and Xylitol	EC50 >100 mg/l Test Active	OCDE 202	Daphnia	48 hours
	IC50 >100 mg/l Test: Active substance	OCDE 201	Algae	72 hours
	LC50 >100 mg/l Test: Active substance Fresh water	OCDE 203	Fish - Oncorhynchus mykliss	96 hours
	NOEC 100 mg/l Test: Active substance		Fish/daphniaiAlgae	-

**Conclusion/summary:** Not classified as dangerous.

#### Persistence and degradability:

Product name	Result	Test	Dose	Inoculum
D-Glucose, polymer with xylitol and D-Xylitol, 1, 4-anhydro-and Xylitol	71 % - Readily - 28 days	OCDE 301F	94.6 mg/l ThOD	30 mg/l Activated sludge

**Conclusion/summary:** Readily biodegradable.

**Bio accumulative potential:** Not available.

#### Mobility in soil:

**Soil/water partition coefficient** Not available.

**Other adverse effects:** No known significant effects or critical hazards.

### Section 13: Disposal Information

#### Disposal methods:

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of only be considered when recycling is not feasible, this material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

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### Section 14: Transport Information

	<b>U.S. DOT</b>	<b>TDG</b>	<b>Mexico</b>	<b>IMDG</b>	<b>IATA</b>
	<b>Classification</b>	<b>Classification</b>	<b>Classification</b>		
<b>UN number</b>	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
<b>Un proper shipping name</b>	-	-	-	-	-
<b>Transport hazard class(es)</b>	-	-	-	-	-
<b>Packing group</b>	-	-	-	-	-
<b>Environmental hazards</b>	No	No	No	No	No
<b>Additional information</b>	-	-	-	-	-
<b>Special precautions for user:</b>	Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.				
<b>Transport In bulk according to Annex II of MARPOL and the IBC Code:</b>	Not available.				

### Section 15: Regulatory Information

<b>Clean Air Act Section 112:</b>	Not listed.
<b>(b) Hazardous Air Pollutants (HAPs)</b>	
<b>Clean Air Act Section 602 Class I Substances:</b>	Not listed.
<b>Clean Air Act Section 602 Class II Substances:</b>	
<b>DEA List I Chemicals (Precursor Chemicals):</b>	Not listed.
<b>DEA List II Chemicals (Essential Chemicals)</b>	Not listed.
<b>SARA 3021304:</b>	Composition/Information on ingredients: No products were found.
<b>SARA304RQ:</b>	Not applicable.
<b>SARA 3111312:</b>	Classification: Not applicable. Composition/information on ingredients: No products were found.

### Section 16: Other Information

<b>Hazardous Material</b>	Health 1
<b>Information System (USA):</b>	Flammability: 1 Physical Hazards: 0

#### **Disclaimer & Caution**

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Windy Point Soap Making Supplies Inc. provides the information contained herein but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of Windy Point Soap Making Supplies Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of Windy Point Soap Making Supplies Inc. is limited to the value of the goods and does not include any consequential loss. Windy Point Soap Making Supplies Inc. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. Windy Point Soap Making Supplies Inc. shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agree that Jurisdiction is limited to the province of Alberta.