

## Barley Quat

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /  
March 26, 2012 / Rules and Regulation

Revision Date: 13-Jan-2026  
Supersedes: 12-Apr-2023

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Barley Quat	<b>Distributor:</b>	MakingCosmetics Inc.
<b>Synonyms:</b>	No data available	<b>Address:</b>	10800 231 <sup>st</sup> Way NE Redmond, WA 98053 (USA)
<b>INCI Name:</b>	Water (and) Laurdimonium Hydroxypropyl Hydrolyzed Barley Protein	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	7732-18-5	<b>Web:</b>	<a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a>
<b>Formula:</b>	No data available		
<b>Product Form:</b>	Liquid		
<b>Product Use:</b>	Cosmetic use		<b>Emergency Telephone Number:</b> 1-800-424-9300 (Chemtrec)

### 2 HAZARDS IDENTIFICATION

<b>Classification Regulation (EC) No 1272/2008 [CLP]:</b>	Skin Corrosion/Irritation: Category 2 Eye Damage/Irritation: Category 2A												
<b>Signal Word:</b>	WARNING!												
<b>Hazard Pictograms:</b>													
<b>Hazard Statements:</b>	H319: Causes eye irritation H315: Cause skin irritation												
<b>Precautionary Statements:</b>	(Prevention) P264: Wash skin thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection. (Response) P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313: If eye irritation persists: Get medical advice/attention. P302 + P352: IF ON SKIN: Wash with plenty of soap and water. P332+P313: If skin irritation occurs, Get medical advice/attention. P362 - Take off contaminated clothing and wash before reuse.												
<b>Potential Health Hazards:</b>	Eyes: Not expected to be irritant. Inhalation: Not expected to be irritant. Skin: Not expected to be irritant. Ingestion: May cause nausea, vomiting and diarrhea.												
<b>NFPA Ratings (704):</b>	<table> <tr> <td>Health</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Flammability</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Reactivity</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Specific Hazard</td> <td>N/A</td> <td></td> </tr> </table>	Health	N/A	N/A	Flammability	N/A	N/A	Reactivity	N/A	N/A	Specific Hazard	N/A	
Health	N/A	N/A											
Flammability	N/A	N/A											
Reactivity	N/A	N/A											
Specific Hazard	N/A												

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

<b>Component</b>	<b>CAS No.</b>	<b>Weight %</b>	<b>Molecular Weight</b>
Water	7732-18-5	74 - 78%	Not Available
Laurdimonium Hydroxypropyl	Not applicable	22 -26%	Not Available
Hydrolyzed Barley Protein			
Benzyl Alcohol	100-51-6	0.5 -0.8%	Not Available
Potassium Sorbate	24634-61-5	0.1 -0.2%	Not Available
Sodium Benzoate	532-32-1	0.1 -0.2%	Not Available

### 4 FIRST AID MEASURES

**Eyes:** In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
**Inhalation:** Not likely, but if breathed in, move person into fresh air. If symptoms persist, call a physician. Avoid breathing

<b>Skin:</b>	liquid or aerosols of material. Wash material off the skin with soap and plenty of water. If symptoms persist, call a physician.
<b>Ingestion:</b>	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Drink water. Seek medical attention.

## 5 FIRE-FIGHTING MEASURES

<b>Suitable (and unsuitable) extinguishing media:</b>	May be combustible at high temperature. Use appropriate media (CO <sub>2</sub> , foam, halon, water spray) for adjacent fire. Do not use direct water jets as it may splash burning liquid.
<b>Special protective equipment &amp; precautions for firefighters:</b>	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
<b>Flash Points:</b>	> 250°F (Not flammable)
<b>Specific hazards arising from the chemical:</b>	None known. See also Stability and Reactivity section.

## 6 ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment &amp; emergency procedures:</b>	Ensure adequate ventilation. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
<b>Environmental precautions:</b>	Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.
<b>Methods and material for containment and cleaning up:</b>	Pick up with absorbent material and collect for disposal. Dispose of all waste and cleanup materials in accordance with regulations.

## 7 HANDLING & STORAGE

<b>Precautions for safe handling:</b>	Keep working place well ventilated; no special precautions are needed under normal use conditions. See section 8 for recommendations on the use of personal protective equipment.
<b>Conditions for safe storage, incl. any incompatibilities:</b>	Avoid temperatures above 104°F (40°C). Optimum storage temperature is 24°C or lower. Do not freeze. Avoid exposure to sunlight for prolonged periods. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Barley Quat	No limits established		

TWA: Time Weighted Average over 8 hours of work.  
 TLV: Threshold Limit Value over 8 hours of work.  
 REL: Recommended Exposure Limit  
 PEL: Permissible Exposure Limit

### Personal Protection:

<b>Eyes:</b>	Chemical goggles with side splash protection recommended.
<b>Inhalation:</b>	None required under normal conditions of use.
<b>Body:</b>	None required under normal conditions of use.
<b>Other:</b>	Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Liquid	<b>Vapor Pressure:</b>	Not determined
<b>Odor:</b>	Characteristic, slight	<b>Vapor Density:</b>	Not determined
<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate:</b>	Not Applicable
<b>Color:</b>	Clear to hazy amber	<b>Flammability:</b>	Not Applicable
<b>Molecular Weight:</b>	No data available	<b>Upper/lower Explosive Limit:</b>	No data available
<b>pH:</b>	4.5 - 5.5	<b>Flash Point:</b>	> 250°F (Not flammable)
<b>Boiling Point:</b>	215°F (101.6°C)	<b>Specific Gravity at 25°C:</b>	1.07

<b>Melting Point:</b>	Not determined	<b>Solubility in Water:</b>	Complete
<b>Relative Density:</b>	No data available	<b>Auto-Ignition Temperature:</b>	No data available
<b>Partition Coefficient: n-octanol/water:</b>	No data available	<b>Decomposition Temperature:</b>	No data available
<b>Viscosity:</b>	Not determined	<b>Explosive Properties:</b>	None
<b>Oxidizing Properties:</b>	None	<b>Freezing Point:</b>	No data available

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	Not reactive under normal conditions of use.
<b>Chemical Stability:</b>	No known hazardous reactions.
<b>Hazardous Polymerization:</b>	None known.
<b>Conditions to Avoid:</b>	Gross bacterial contamination.
<b>Incompatible Materials:</b>	Concentrated nitric or sulfuric acid, strong oxidizing agents.
<b>Hazardous Decomposition Products:</b>	Burning can produce smoke, CO, CO <sub>2</sub> , ammonia and other products of incomplete combustion.

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	Oral LD50 is anticipated to be >5g/kg based on testing of similar materials.
<b>Skin:</b>	Non-corrosive/ HRIPT results indicate that the product may cause mild skin irritation.
<b>Eyes:</b>	No data available.
<b>Respiratory:</b>	No data available.
<b>Ingestion:</b>	No data available.
<b>Carcinogenicity:</b>	None of the components are listed as a carcinogen by IARC, NTP, OSHA, ACGIH or the EU Substances Directive (EC) No 1272/2008 for CMR, categories 1A and 1B.
<b>Teratogenicity:</b>	No data available.
<b>Germ Cell Mutagenicity:</b>	Not tested.
<b>Embryotoxicity:</b>	No data available.
<b>Specific Target Organ Toxicity:</b>	No data available.
<b>Reproductive Toxicity:</b>	Not tested. Not expected to affect reproduction or development.
<b>Respiratory/Skin Sensitization:</b>	Not expected/HRIPT results indicate that the product is non-sensitizing.

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	No ecotoxicity data available.
<b>Aquatic Vertebrate:</b>	Not tested.
<b>Aquatic Invertebrate:</b>	Not tested.
<b>Terrestrial:</b>	Not tested.
<b>Persistence and Degradability:</b>	No data available.
<b>Bioaccumulative Potential:</b>	Not expected to be bio-accumulative in aquatic organisms.
<b>Mobility in Soil:</b>	Since the product is completely soluble in water, it is expected to be highly mobile in soil.
<b>PBT and vPvB Assessment:</b>	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
<b>Other Adverse Effects:</b>	None known.

## 13 DISPOSAL CONSIDERATIONS

<b>Waste Residues:</b>	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product.
<b>Product Containers:</b>	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

## 14 TRANSPORT INFORMATION

<b>DOT (Dept. of Transportation, USA):</b>	Not regulated.
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TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	Not regulated.
IATA (International Air Transport Association):	Not regulated.
ICAO (International Civil Aviation Organization):	Not regulated.
ADR/RID/ADN (EU Land transportation):	Not regulated.

## 15 REGULATORY INFORMATION

TSCA Inventory Status:	Not listed.
Canada (DSL/NDSL):	Not listed.
EU (EINECS/ELINCS/NLP):	Not listed.
China (IECSC):	Not listed.
Germany Water Class Hazard:	(Wassergefährdungsklasse): WGK (2) Significantly hazardous to water (Deutlich wassergefährdend) Annex 3.
Australia (AICS):	Not listed.
Japan (ENCS):	Not listed.
Philippines (PICCS):	Not listed.
Korea KECL:	Not listed.
Chemical Safety Assessment:	No Chemical Safety Assessment has been carried out for this mixture by the supplier and it has been deemed safe based on appropriate use in section 1.2 and 7.4 in this Safety data sheet.

## 16 OTHER INFORMATION

Revision Date:	13-Jan-2026
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	This 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 other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.