

Barley Quat


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

Revision Date: 17-Apr-2024
Supersedes: 05-May-2021

1 PRODUCT & COMPANY IDENTIFICATION

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

2 HAZARDS IDENTIFICATION

GHS Classification	Skin Corrosion/Irritation-Category 2 Eye Damage/Irritation-Category 2A												
Classification Directive	Harmful; Xn; R22												
1999/45/EC [DPD]:	Irritant; Xi; R36												
GHS Signal Word:	WARNING												
GHS Hazard Pictograms:													
GHS Hazard Statements:	H319 Causes eye irritation. H315 Causes skin irritation.												
GHS Precautionary Statements:	P264: Wash skin thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection. 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, seek medical advice/attention. P362: Take off contaminated clothing and wash before reuse. Other hazards which do not result in classification: None known.												
Potential Health Hazards:	Eyes: Causes eye irritation. Inhalation: Not expected to be an irritant under normal conditions of use. Skin: Causes skin irritation. Ingestion: May cause nausea, vomiting, or diarrhea.												
NFPA Ratings (704):	<table border="1"> <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 colspan="2">N/A</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

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Water	7732-18-5	≥ 73%	Not Available
Laurdimonium Hydroxypropyl Hydrolyzed Barley Protein	N/A	22 - 26%	Not Available
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:	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 liquid or aerosols of material.
Skin:	Wash material off the skin with soap and plenty of water. If symptoms persist, seek medical attention.
Ingestion:	Drink water. Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Seek medical attention.
General Notes:	No other adverse clinical effects are known to be associated with exposure to this material. No immediate medical treatment normally needed.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media (dry chemical, CO ₂ , foam, halon, water spray (fog)) for adjacent fire. Do not use direct or heavy water stream to fight fire as it may splash burning liquid.
Special protective equipment & precautions for firefighters:	Wear self-contained breathing apparatus with full-face piece and full protective clothing, including eye protection and boots.
Flash Points:	> 250° F.
Specific hazards arising from the chemical:	None listed. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	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.
Environmental precautions:	Non-hazardous, but avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	Pick up with absorbent material and collect for disposal. Dispose of absorbed material in accordance with the regulations. See section 13 for disposal considerations.

7 HANDLING & STORAGE

Precautions for safe handling:	Keep working place well ventilated. No special precautions are needed under normal use conditions. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Avoid temperatures above 104°F (40°C). Optimum storage temperature is 75°F (24°C) or lower. Do not freeze. Avoid exposure to sunlight for prolonged periods. Store away from 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	Not available	Not available

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

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection:

Eyes:	Wear chemical goggles with side splash protection.
Inhalation:	None required under normal conditions of use.
Body:	Wear protective gloves. Full protective clothing is not required under normal conditions of use.
Other:	General mechanical ventilation is acceptable. Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling. Launder contaminated clothing before re-use.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear to slightly hazy liquid	Vapor Pressure:	No data available
Odor:	Characteristic, slight	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	Not applicable
Color:	Amber	Flammability:	Not flammable
Molecular Weight:	No data available	Upper/lower Explosive Limit:	Not applicable
pH:	4.5 - 5.5	Flash Point:	> 250° F
Boiling Point:	215° F (101.6° C)	Specific Gravity at 25°C:	1.07
Melting/Freezing Point:	Not determined	Water Solubility:	Soluble
Relative Density:	No data available	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	Not determined	Explosive Properties:	None
Oxidizing Properties:	None	Metal Corrosion:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	Not reactive under normal conditions of use.
Chemical Stability:	No known hazardous reactions.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	Gross bacterial contamination.
Incompatible Materials:	Concentrated nitric or sulfuric acid, strong oxidizing agents.
Hazardous Decomposition Products:	Burning can produce smoke, CO, CO2, ammonia, and other products of incomplete combustion.
Possible Hazardous Reactions:	None known.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Oral LD50 is anticipated to be >5g/kg based on testing of similar materials.
Skin:	HRIPT results indicate that the product may cause mild skin irritation.
Eyes:	No data available.
Inhalation:	No data available.
Ingestion:	No data available.
Carcinogenicity:	None of the components are listed as a carcinogen by IARC, NTP, OSHA, ACGIH or the EU Substances Directive.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	Not tested.
Specific Target Organ Toxicity:	No data available.
Reproductive Toxicity:	Not tested. Not expected to affect reproduction or development.
Sensitization:	HRIPT results indicate that the product is non-sensitizing.
Corrosivity:	This is not a corrosive product.

12 ECOLOGICAL INFORMATION

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

13 DISPOSAL CONSIDERATIONS

Waste Residues: 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.

Product Containers: 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

DOT (Dept. of Transportation, USA):	Not regulated.
ADR/RID/AND (EU Land Transport):	Not regulated.
IMDG (International Maritime Dangerous Goods):	Not regulated.
IATA (International Air Transport Association):	Not regulated.
ICAO (International Civil Aviation Organization):	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.
Australia (AICS):	Not listed.
Japan (ENCS):	Not listed.
Philippines (PICCS):	Not listed.
Korea (KECI):	Not listed.
Germany:	Water Class Hazard (Wassergefährdungsklasse): WGK (2) Significantly hazardous to water (Deutlich wassergefährdend) Annex 3.
Chemical Safety Assessment:	No Chemical Safety Assessment has been carried out for this mixture by the supplier.

16 OTHER INFORMATION

Additional Abbreviations:	Xi R36: Irritating to eyes and skin.
Revision Date:	17-Apr-2024
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.