

## **1. PRODUCT INFORMATION**

Product name : Honeyquat PF  
INCI : Hydroxypropyltrimonium Honey  
Supplier : Windy Point Soap Making Supplies Inc.  
Address : 14, 6125-12<sup>th</sup> Street SE, Calgary, AB T2H 2K1  
Telephone : 587-318-6678  
Emergency Telephone : (800) 225-3924 Canada, USA, Puerto Rico

## **2. HAZARDS IDENTIFICATION**

### **Emergency Overview**

### **GHS/CLP Classification**

Based on present data no classification and labeling is required according to GHS, taking into account the national implementation (United Nations version 2011).

### **USA OSHA Regulatory Status**

This material is non-hazardous as defined by the American OSHA Hazard Communication Standard (29 CFR 1910.1200).

### **Europe Basis for Classification**

According to present data no classification and labeling is required according to Directives 67/548/EEC or 1999/45/EC.

This product is not classified as hazardous to health or environment according to the CLP regulation.

### **GHS Label elements, including precautionary statements**

Signal: Not applicable

### **Precautionary statements**

P233: Keep container tightly closed

P281: Use personal protective equipment as required

P402: Store in a dry place

P404: Store in a closed container

P410: Protect from sunlight

P411: Store at temperatures not exceeding 25°C

### **Other hazards which do not result in classification**

No particular fire or explosion hazard.

By mechanical effect: No particular hazards.

By hydroscopic effect: No particular hazards.

### **US NFPA 704 (National Fire Protection Association) Hazard Rating System**

Health hazard: Rating 0; Normal Material

Flammability: Rating 0, Will Not Burn

Reactivity: Rating 0, Stable

Other Hazard Information: None

**Results of PBT and vPvB assessment**

PBT: Not applicable.

vPvB: Not applicable.

**3. COMPOSITION / INFORMATION INGREDIENTS**

**Common Chemical Name**

Hydroxypropyltrimonium Honey

**Chemical Family**

Humectants.

**Description**

Mixture: consisting of the following components. This section describes all components of the mixture.

<b>Product Name</b>	<b>CAS #</b>	<b>EC #</b>	<b>%</b>
Hydroxypropyltrimonium Honey	223705-79-1	N/A	49.60 – 49.80%
Water	7732-18-5	231-791-2	49.00 – 51.00%
Sorbic Acid	110-44-1	230-468-7	0.20 – 0.40%

**Formula**

Not applicable.

**4. FIRST AID MEASURES**

**General**

In all cases of doubt, or when symptoms persist, seek medical attention.

**Eye contact**

Immediately rinse with plenty of water for at least 15 minutes, while keeping the eyes wide open. Consult with a physician.

**Skin contact**

Rinse with soap and water. Get medical advice if irritation develops.

**Inhalation**

Move to fresh air from exposure area. Get medical attention for any breathing difficulty.

**Ingestion**

Consult a physician.

**Protection for first-aiders**

No special protection required.

## **5. FIRE FIGHTING MEASURES**

### **Unusual Fire and explosion hazards**

Not considered to be a fire and explosion hazard

### **Suitable extinguishing media**

Water, dry chemicals, foam and carbon dioxide

### **Unsuitable extinguishing media**

Do not use a solid water stream as it may scatter and spread fire.

### **Protection for fire fighters**

Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low area

## **6. ACCIDENTAL RELEASE MEASURES**

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

Avoid contact with eyes.

### **Environmental precautions**

Prevent entry into sewers and waterways. Do not allow material to contaminate ground water system.

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

Pick up free liquid for recycling or disposal. Residual liquid can be absorbed on an inert material. Wash non-recoverable remainder with water. For disposal of residues refer to sections 8 & 13.

## **7. HANDLING AND STORAGE**

### **Precautions for safe handling**

#### **Technical measures**

Labeling: Keep out of the reach of children.

#### **Measures**

For industrial use, only as directed.

### **Safe handling advice**

Wash hands after use. Avoid storage near feed or food stuff.

### **Conditions for safe storage**

#### **Technical measures**

Keep container closed.

### **Recommended storage conditions**

Store in a cool, dry place. This material must be stored at room temperature (23 - 25°C). It should not be exposed to excessive heat or cold. Do not freeze.

### **Incompatible products**

Avoid contact with strong oxidizers. Refer to the detailed list of incompatible materials (Section 10 Stability/Reactivity).

**Packaging**

Product may be packaged in normal commercial packaging.

**Packaging materials**

Recommended - Polypropylene & High Density Polyethylene.

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Precautionary statements**

Ensure adequate ventilation.

**Control parameters**

**Occupational exposure limits**

France Not determined.

ACGIH Not determined.

Korea Not determined.

UK Not determined.

Surveillance procedures Not determined.

Engineering measures Not determined.

**Personal protective equipment**

**Eye protection**

Wear safety glasses with side shields or goggles.

**Skin protection**

Suitable protective clothing.

**Respiratory protection**

Local exhaust.

**General hygiene considerations**

Handle in accordance with good industrial hygiene and safety practice.

**Collective emergency equipment**

Eye fountain.

**Measures related to the environment**

No particular measures.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	: Clear to slightly hazy, light straw-colored to dark amber liquid.
Colour (Gardner)	: 13 Maximum.
Odour	: Slight, characteristic amino note.
pH (5% Aqueous Solution @ 25°C)	: 4.0 – 6.5.
NVM (1g-1hr-105°C)	: 49.0 – 54.0%
Activity	: 31.0 – 45.0%
Heavy metals	: < 20 ppm
Lead	: < 10 ppm
Arsenic	: < 2 ppm
Cadmium	: < 1 ppm
Microbial content	: < 10 CFU/g; No pathogens
Yeast & Mold	: < 10 CFU/g
Gram Negs	: 0 CFU/g
Flash point	: > 200°F
Oxidizing properties	: Non oxidizing material according to EC criteria.
Specific Gravity	: Not determined.
Vapour density	: Not applicable.
Boiling point	: Not determined.
Freezing point	: Not determined.
Melting point	: Not applicable.
Solubility	
In water	: Soluble.
In organic solvents	: Not determined.
Log P	: Not determined.

## **10. STABILITY AND REACTIVITY**

### **Reactivity**

None known.

### **Chemical stability**

Stable under ordinary conditions of use and storage up to one year then re-test to full product specifications to extend shelf life.

### **Possibility of hazardous reactions**

None known.

**Conditions to avoid**

No dangerous reactions known under use of normal conditions. Avoid extreme heat.

**Incompatible materials**

No dangerous reaction known with common products.

**11. TOXICOLOGICAL INFORMATION**

**Inhalation**

Not determined.

**Skin contact**

Non-irritant (Dermal Irritation Model).

**Eye contact**

Non-irritant (Ocular Irritation Model).

**Ingestion**

Not determined.

**Acute toxicity data**

EC50 (Acute Daphnia): 310.42 mg/L - Not harmful to aquatic organisms.

**Sensitization**

Non-primary sensitizers.

**Repeated dose toxicity**

No known effects.

**Subacute to chronic toxicity**

Not determined.

**Mutagenicity**

Non-Mutagenic (OECD471/ISO10993.Part 3 – Genotoxicity: Bacterial Reverse Mutation Test).

**Additional Toxicological Information**

This product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

**Specific effects**

**Carcinogenicity**

No known effects.

**Mutagenicity**

No known effects.

**Reproductive toxicity**

No known effects.

**Neuro-toxicity**

No known effects.

**For more information**

Does not present any particular risk on handling under normal conditions of good occupational hygiene practice.

**This product has not been tested for the following**

Primary cutaneous and corrosive irritation.

Acute oral toxicity.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Not determined.

**Biodegradability**

Readily Biodegradable (86.5% biodegradation after 28 days of testing)

**Bioaccumulation**

Not determined.

**Mobility**

Ultimate destination of the product: Soil & sediment.

**Other Adverse Effects**

None known.

**13. DISPOSAL CONSIDERATION**

**Disposal instructions**

Do not allow the product to be released into the environment. Dispose of in accordance with relevant local regulations. Cleaning is not required prior to disposal. Take all necessary precautions when disposing of this product according to local regulations.

**14. TRANSPORT INFORMATION**

**UN Number**

None.

**UN Shipping Name**

None.

**Transport Hazard Class**

Not classified as dangerous for transport.

**Land (rail/road)**

Material is not restrictive for land transport and is not regulated by ADR/RID.

**Sea**

Material is not restrictive for sea transport and is not regulated by IMO/IMDG.

**Air**

Material is not restrictive for land transport and is not regulated by ICA/IATA.

**Marine pollutant**

No.

**Transport/additional information**

Not regulated for US DOT Transport in non-bulk containers. This material is not dangerous or hazardous.

**Special precautions for user**

None known.

The above regulatory prescriptions are those valid on the date of publication of this sheet. However, given the possible evolution of transport regulations for hazardous materials and in the event of the MSDS in your possession dating back more than 12 months, it is advisable to check their validity with your sales office.

**15. REGULATORY INFORMATION**

**Labeling**

**EC regulations**

This product does not need to be labeled in accordance with EC. Directives or respective national laws

**Further regulations**

**United Kingdom**

Handle in accordance with relevant British regulation: control of substance Hazardous to Health Regulations Environmental

Hygiene Guidance: EH40

Workplace Exposure Limits (revised annually)

**Korea regulations**

Industrial safety and hygiene regulation: No

Hazardous material control regulation: No

Fire prevention regulation: No

**Other regulations**

**EINECS inventory status**

Hydroxypropyltrimonium Honey: N/A

Aqua: 231-791-2

Sorbic Acid: 203-768-7

**TSCA inventory status**

Exempt.



**AICS inventory status**

Not Listed: 223705-79-1

Listed: 7732-18-5 & 110-44-1

**Canadian (CEPA DSL) inventory status**

Listed as Honey, 2-hydroxy-3-(trimethylammonio) propyl ethers, chlorides (Revised ICL) & Water (DSL) & 2,4-Hexadienoic acid, (Ö,Ö)- (DSL)

**Japan (MITI list)**

Hydroxypropyltrimonium Honey & Water & Sorbic Acid

**Korea**

Hydroxypropyltrimonium Honey & Water & Sorbic Acid

**China inventory status**

Hydroxypropyltrimonium Honey & Water & Sorbic Acid

**Philippines inventory status**

Not Listed: Hydroxypropyltrimonium Honey (223705-79-1) Listed as Water & 2,4-Hexadienoic acid, (2E,4E)-

\*Listed on 2010 INCI Standard Chinese Name Directory

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the products described in this sheet. The user's attention is drawn to the possible existence of additional provision which complete these regulations. Please refer to all applicable international, national and local regulations and provisions.

**16. OTHER INFORMATION**

**Prohibited uses**

For specific uses, food industry, ask the SDS supplier for more information.

**DISCLAIMER AND CAUTION**

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