

Reactive QWP

1. Identification Of The Product And Of The Company

1.1 INCI Name:	Hydroxypropyltrimonium Hydrolyzed Wheat Protein
1.2 CAS Number:	/
1.3 Chemical Classification:	Others
1.4 Dangerous Goods Classification:	Not assessed
1.5 Company Details:	
Manufacture / Supplier:	Guangzhou Reachin Chemical Co., Ltd
Address:	Unit 601, Building 16, Kingfa Sci. & Tech. Innovation Industrial Park, No. 39 Kefeng Road, Huangpu District, Guangzhou, China
Telephone Number:	(86 20) 37087379 Fax: (86 20) 38337097
Emergency Telephone Number:	(86 20) 37087379
Contact Person:	Technical Services Engineer
1.6 Effective date:	29/09/2024

2. Composition/Information On Ingredients

2.1 Chemical characterization:	Quaternary ammonium		
2.2 Physical Form:	Transparent liquid		
2.3 Color:	Yellow		
2.4 Use:	Hair conditioner		
2.5 Ingredients:			
<u>INCI Name</u>	<u>CAS No.</u>	<u>% (w/w)</u>	<u>Symbols & Health Risk Phrases</u>
Hydroxypropyltrimonium Hydrolyzed Wheat Protein	/	22-35	
Water	7732-18-5	54-76	
Glycerin	56-81-5	1-10	
Phenoxyethanol	122-99-6	0.88-0.92	
Ethylhexylglycerin	70445-33-9	0.08-0.12	

3. Hazards Identification

3.1 Overall Hazard Classification:	Not hazardous.
3.2 Hazard Information:	Not hazardous.
3.3 Route of Exposure:	Accidental Ingestion.
3.4 Possible Health Effects:	
<u>Acute</u>	
Eyes:	Slight irritant.
Skin:	Does not irritate the skin.
Inhalation:	High concentrations of vapor or mist may cause nose, throat and

Ingestion:

Chronic

respiratory tract irritation. Symptoms may include coughing and a burning sensation in the nose and throat.

Accidental use to seek medical treatment immediately.

This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

3.5 Signs and Symptoms of Overexposure:

No significant adverse effects from a single exposure expected from normal use.

4. First Aid Measures

4.1 Eyes:

Rinse opened eye for several minutes under running water.

4.2 Skin:

The product does not irritate the skin.

4.3 Inhalation:

Supply fresh air; consult doctor in case of complains.

4.4 Ingestion:

Do not include vomiting. Drink large quantities of water. Get immediate medical attention. Never give anything by mouth to an unconscious person.

4.5 Comments:

Treat symptomatically.

4.6 Note to physicians:

Treat symptomatically.

5. Fire Fighting Measures

5.1 Autoignition:

Not applicable.

5.2 Flash point:

Not applicable.

5.3 Extinguishing Media:

Use fire extinguishing methods suitable to surrounding conditions.

5.4 Special Fire Fighting Equipment:

This product is not flammable. As in fire, NIOSH / MSHA approved self-contained breathing apparatus (SCBA) and full protective gear should be worn.

5.5 Fire & Explosion Hazards:

None.

5.6 Hazardous Combustion Products:

Normal products of combustion (carbon monoxide and carbon dioxide, nitrogen oxides) .

5.7 Lower Explosion Limit:

Not applicable.

5.8 Upper Explosion Limit:

Not applicable.

6. Accidental Release Measures

6.1 Personal Precaution:

Wear protective clothing. Avoid formation of dust. Ensure adequate ventilation.

6.2 Environmental Precautions:

Avoid into the drain system. Do not allow to enter sewers/ surface or ground water.

6.3 Spill And Leak Procedures:

Pick up mechanically.

7. Handling And Storage

7.1 Handling:	Ensure good ventilation / exhaustion at the workplace. Prevent formation of dust.
7.2 Storage Conditions:	Store in a cool location, only in original receptacle.
7.3 Unsuitable Packaging Materials:	No reaction activity.

8. Exposure Controls/Personal Protection

8.1 Industrial Hygiene Standards:

<u>Ingredients</u>	<u>CAS No.</u>	<u>Exposure Limits</u>
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8.2 Engineering Controls

Local Ventilation:	Recommended.
General Ventilation:	Recommended.

8.3 Personal Protective Equipment for Routine Handling

Respiratory protection:	Suitable respiratory protective device recommended.
Eye protection:	Safety face shield must be worn.
Hand protection:	The use of chemically resistant gloves is recommended.
Clothing Requirements:	Uniforms, coveralls, or a lab coat should be worn.
Change / Removal Of Clothing:	Remove contaminated clothing and launder before reuse.
Wash Requirements:	Wash exposed areas with soap and water.

9. Physical And Chemical Properties

9.1 Physical Form:	Transparent liquid
9.2 Color:	Yellow
9.3 Odor:	Characteristic
9.4 Total solids (%) min:	35.0
9.5 Nitrogen content (%) min:	3.2
9.6 Active matter content (%) min:	20.0
9.7 pH value:	4.0-6.0

The above information is not intended for use in preparing product specifications. Contact Reachin before writing specifications.

10. Stability And Reactivities

10.1 Stability:	Stable under normal conditions.
10.2 Incompatibility:	In normal temperature and pressure stability. Avoided: strong acids, strong bases, oxidants, heat, open fire and sparks.
10.3 Hazardous Decomposition Products:	Not applicable.

11. Toxicological Information

11.1 Possible Health Effects:	Refer to Section 3.4
11.2 Carcinogenic Effects:	None.
11.3 Other Health Hazard Information:	No data available

12. Ecological Information

12.1 Potential To Bioaccumulate:	Unknown.
12.2 Aquatic Toxicity:	None Established.

13. Disposal Considerations

13.1 Product Disposal:	Dispose of in accordance with local regulations.
13.2 Packaging Disposal:	According to local, state administrative norms in the approval of the local landfill disposal.

14. Transport Information

14.1 Road and Rail Transport:	Not assessed.
14.2 Sea Transport (IMDG) :	Not subject to IMDG code.
14.3 Air Transport (ICAO) :	Not subject to ICAO regulations.

15. Regulatory Information

15.1 Applicable Laws:	According to the chemical dangerous goods safety, production, storage, loading and unloading, the following code information. Dangerous Chemicals Safety Management Ordinance (promulgated by the State Council on February 17, 1987) . Chemical dangerous goods / goods safety management regulations implementing rules (of workers hair [1992] 677 date) . Workplace safety in the use of chemicals (Department of labor regulations [1996] 423 date) .
15.2 Chemical Inventories:	
AICS:	All ingredients listed or exempt.
DSL:	All chemical substances in this material are included on or exempted from the DSL.
IECSC:	All ingredients listed or exempt.
MITI:	All components are listed on ENCS or its exempt rule.
KECL:	All ingredients listed, exempt or notified.
EINECS:	All ingredients listed or exempt.
PICCS:	All ingredients listed or exempt.
TSCA:	All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

16. Other Information

Contact Point: Technical Services Engineer (86 20) 37087379

Prepared by: Guangzhou Reachin Chemical Co., Ltd

This information is offered in good faith as typical values and not as a product specification. No warranty, expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate

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