

AQUA WHITE 120 WP SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006
(REACH), amended by 2020/878/EU

Revision Date: 05.01.2026
Version: 2.6

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Product identifier

Product Name : **AQUA WHITE 120 WP**

Brand/Trademark : **AQUA WHITE**

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture: Textile Printing Auxiliaries

Exact Utilization of Product: Printing Auxiliary for the Textile Industry

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier

HYUPJIN PETROCHEMICAL IND. LTD.

SHRIKHONDIA I GOURIPUR

ASHULIA I SAVAR I BANGLADESH I

Department : LABORATORY

Telephone number : +88-01730066440-7

Competent person responsible for the safety data sheet:
compliance@hgcbd.com

SOUTH KOREAN OFFICE:

62-15, DANGHA.RI, BONGDAM.EUP, HWASUNG.CITY, GYEONGGI.DO, KOREA, **PHONE:**
+82.31.298.2788 / **FAX:** +82.31.298.2789

1.4 Emergency telephone number

Emergency telephone number : +8801730066440-7

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No.1272/2008)

Not a hazardous substance or mixture.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



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Signal word : Warning

Hazard statements : **H303** May be Harmful if swallowed.
H313 May be harmful in contact with skin

Precautionary statements :

Prevention:

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P302 + P352 IF ON SKIN: Wash with plenty water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Disposal:

P501 Dispose of contents/container to special or hazardous waste collection point in accordance with local/regional/national/international regulations.

2.3 Other hazards

Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB.

Endocrine disrupting properties

Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0,1\%$.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Mixer

3.2 Mixtures

Chemical Nature: Aqueous Dispersion of Acrylic Polymers

Chemicals	CAS No.	Classification	Content
Water	7732-18-5	—	32.9500%
2-Propenoic acid, 2-methyl-, polymer with butyl 2-propenoate and methyl 2-methyl-2-propenoate	25035-69-2	—	33.0000%

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Propane-1,2-diol	57-55-6	–	3.5000%
Cocos Nucifera Oil	8001-31-8	–	3.0000%
Titanium dioxide (70% aqueous dispersion)	13463-67-7	–	27.5000%
1,2-Benzisothiazol-3(2H)-one	2634-33-5	Acute Tox. 4; Skin Irrit. 2; Eye Dam. 1; Skin Sens. 1	0.0500%

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

- General advice : Take off all contaminated clothing immediately.
Show this safety data sheet to the doctor in attendance.
- If inhaled : Move to fresh air.
If symptoms persist, call a physician.
- In case of skin contact : Wash off immediately with soap and plenty of water.
If skin irritation occurs, call a physician.
- In case of eye contact : In case of eye contact, remove contact lenses if possible and rinse immediately with plenty of water under the eyelids, for several minutes.
Call a physician immediately.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.
Do NOT induce vomiting.
Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

- Risks : Refer to section 2 and 11.

4.3 Indication of any immediate medical attention and special treatment needed

none

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

- Suitable extinguishing media : Carbon dioxide (CO₂)
Water spray
Dry powder

5.2 Special hazards arising from the substance or mixture

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Specific hazards during firefighting : Hazardous decomposition products formed under fire conditions.
Can be released in case of fire:
Carbon oxides
Nitrogen oxides (NO_x)
acrylic monomers

5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, do not attempt to take action without suitable protective equipment. Wear self-contained breathing apparatus and protective clothing.

Further information : In case of fire, do not inhale smoke, conflagration gases and steams. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. The product itself does not burn. The residual polymer after volatilizing the watery phase is combustible.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment. Contaminated surfaces will be extremely slippery. **6.2 Environmental precautions**

Environmental precautions : The product should not be allowed to enter drains, watercourses or the soil.
Pay attention to local or official regulations.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Close drains (risk of blockage caused by polymer precipitation).
Soak up with inert absorbent material (e.g., sand, silica gel, acid binder, universal binder, sawdust).
Clean contaminated surface thoroughly.
Dispose of in accordance with local regulations.

6.4 Reference to other sections

Refer to protective measures listed in sections 7 and 8.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling : Provide sufficient air exchange and/or exhaust in workrooms.

Advice on protection and explosion : No special protective measures against fire required. against fire

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Hygiene measures : Avoid contact with skin, eyes and clothing.
Do not breathe vapours, aerosols.
Take off all contaminated clothing immediately.
Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Do always store in containers, which correspond to the original ones.
Keep container tightly closed.
Inappropriate material for containers and conduit:
Metals
Suitable material for containers and conduit:
Polyethylene

Further information on storage conditions : Stir well before use. Protect from temperatures below + 10 °C.
Protect from temperatures over + 35 °C to + 40 °C.

Advice on common storage : No special precautions required.

7.3 Specific enduse(s)

Specific use(s) : Consult the technical guidelines for the use of this substance/mixture.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006.

8.2 Exposure controls Engineering measures

Solids with occupational exposure limits in liquid preparations do not cause an exposure in the workplace, because they are not present in a respirable form. Exposure can occur in the form of aerosols or after drying of the liquid, the solids remain, possibly in a finely dispersed form.
Provide sufficient air exchange and/or exhaust in workrooms.

Personal protective equipment

Eye protection : Goggles (EN 166)

Hand protection :

Material : Neoprene
Break through time : > 480 min
Glove thickness : > 0,5 mm
Protective index : Class 6

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- Remarks : The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.
The obtained break through times according to EN 374 Part III are not measured under normal operating conditions. Therefore, a maximum usage time of 50% of the break through time is recommended.
- Skin and body protection :** Wear suitable protective clothing (EN 14605).
- Respiratory protection :** In case the work place is not ventilated sufficiently and during spray processing, it is necessary to wear respiratory protective equipment.
Recommended Filter type:
Combination filter A/P (EN 141)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical State	:	Viscous Paste
Colour	:	Milky White
Odour	:	Acrylic-Like
Melting Point	:	Not Applicable
Boiling Point	:	>100° C
Flashing Point	:	>95° C
Explosion Danger	:	Not Explosive
Steam pressure	:	Not Applicable
Self-Flammability	:	Product is not Self-Flammable
Density	:	1.1 g/cm ³
Solid %	:	52 +/- 1
Solubility	:	Soluble in Water
pH	:	7.0-8.0 (at 30°C)
Viscosity	:	60-100 mPa.s (23° C), Method: Brookf-Visc.RVT Sp.1
Difference factor	:	Not Applied

9.2 Other information

There is no additional information.

9.2.1 Information with regard to physical hazard classes: There is no additional information.

9.2.2 Other safety characteristics: There is no additional information.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Under normal conditions of use, storage and transport the product is non-reactive.

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use. **10.4**

Conditions to avoid

Conditions to avoid : Sparks, exposure to heat, flames. **10.5**

Incompatible materials

Materials to avoid : Strong oxidizing agents.

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity:

Ingestion: Harmful if swallowed.
LD50, Rat>2,000 mg/kg.

Dermal: Prolonged skin contact is unlikely to result in absorption of harmful amounts.
LD50, Rat>2,000 mg/kg.

Inhalation: With good ventilation, single exposure is not expected to cause adverse effects. If material is heated or areas are poorly ventilated, vapor/mist may

have accumulated and cause respiratory irritation and symptoms such as headache and nausea.

11.2 Endocrine disrupting properties

Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0,1\%$.

11.3 Information on other hazards There is no additional information.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to Fish:

LC50 (96h) 46-100 mg/l *Leuciscus indus* (Static). Slightly toxic.

Toxicity to aquatic invertebrates:

EC50 (48h) 34.2 mg/l, *Daphnia magna* (Static). Slightly toxic. IC

50 (3 hours) >50000 mg/l, Bacteria

12.2 Persistence and degradability

74% biodegradable as per OECD 301 E; 84/449/EEC,C.3 ,98% biodegradable after 2d as per
DIN EN ISO 9888

12.3 Bioaccumulative potential

Not worth-mentioning accumulating in organisms.

12.4 Mobility in soil:

No additional information available.

12.5 Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB.

12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0,1\%$.

12.7 Other adverse effects Data

are not available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product : Pay attention to local or official regulations.

Contaminated packaging : Pay attention to local or official regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

Not Available

14.2 UN proper shipping name

Not Available

14.3 Transport hazard class(es)

Not Available

14.4 Packing group

Not Available

14.5 Environmental hazards

Not Available

14.6 Special precautions for user

No data available

14.7 Maritime transport in bulk according to IMO instruments

Not Available

14.8 Transport in bulk according to Annex II of Marpol¹¹² and the IBC Code:

Not Available

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Other regulations : Currently no information available.

15.2 Chemical safety assessment

Not required

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SECTION 16: OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.