Bay House INGREDIENTS

SAFETY DATA SHEET

EC Regulation No.1907/2006 (REACH) & 1272/2008 (CLP)

THIS PRODUCT IS FOR EXTERNAL USE ONLY- DO NOT INGEST

1 IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Product identifier

Commercial Name: POLYQUATERNIUM-7
INCI Name: POLYQUATERNIUM-7
CAS No: 26590-05-6
EINECS No: -
REACH Reg No:
FEMA: -
Chemical Name: Copolymer of acrylamide and diallyl dimethyl ammonium chloride
Ph. Eur. Name:
Origin: E.U

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

Identified use (s): Conditioning material for manufacturing purposes only.

1.3 Details of the supplier of the safety data sheet

Company Name: BAY HOUSE INGREDIENTS
Contact: JOHN BLACK
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2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification according to Regulation (EC) No. 1272/2008 (CLP)

Hazard Class	Abbreviation	Hazard Category	Hazard Code	Hazard Statement
Environmental Hazard	EHC	3	H412	Harmful to aquatic life with long lasting effects.

2.2 Label elements

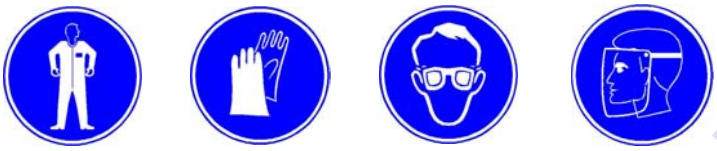
Symbols: NONE

Signal word: NONE

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UN Global Harmonised System Precautionary Statements (CLP)

	Prevention Statements
P264	Wash hands thoroughly after handling
P280	Wear protective gloves/clothing, eye/face protection



	Response Statements
P305	IF IN EYES: Rinse cautiously with water for several minutes.
P351/338	Remove contact lenses if present and easy to do. Continue rinsing.
P337/313	If eye irritation persists: get medical advice/attention

	Storage and Disposal Statements
P403	Store in a well ventilated place.
P235	Keep cool
P501	Dispose of contents and container in accordance with international regulation

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3. COMPOSITION/INFORMATION ON CONSTITUENTS

3.1 Nature Of Product: POLYQUATERNIUM-7

Polyquaternium-7 is an aqueous solution of the polymeric quaternary ammonium salt of acrylamide and dimethyl diallyl ammonium chloride, preserved with Sodium Benzoate

3.2 Constituents

These indicative levels should be taken into account when determining the compliance of the ingredient under its condition of use. (In accordance with Regulation (EC) No 1272/2008 if applicable.

CONSTITUENT	CAS NUMBER	%	RELEVANT GHS
Copolymer of acrylamide and diallyl dimethyl ammonium chloride	26590-05-6	5.0 - 15.0	-
Sodium Benzoate	532-32-1	0.5	EDI 2

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4. FIRST AID MEASURES

4.1 Description of first aid measures

Ingestion: Do not induce vomiting, give a glass of water. Seek urgent medical attention and show this information.

Inhalation: Remove casualty to fresh air, keep respiratory passages clear and seek urgent medical attention.

Eye contact: Irrigate with sterile water or saline for at least 15 minutes. Seek urgent medical attention if irritation persists or tissue damage is apparent.

Skin contact: Remove contaminated clothing wash thoroughly with soap and water and rinse. If causes irritation after prolonged contact, if so seek medical advice.

5. FIRE-FIGHTING MEASURES

5.1 Extinguisher Use CO2, Foam or Powder extinguishers only. DO NOT USE WATER JETS.

5.2 Special hazards Avoid inhalation of smoke or fumes, may produce CO (carbon monoxide) and CO2 (carbon dioxide).

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Safety Precautions Avoid contact with skin and eyes. Wear precautionary safety gloves and glasses & FFPI Dust mask. (Consult sections 7 & 8 for additional information)

6.2 Environmental Safety Precautions Eliminate all sources of ignition. Prevent any material entering drains or waterways

6.2 Methods and materials for containment and clean up Absorb spills into an inert absorbent material (e.g. proprietary oil drying granules or sand NOT sawdust or other flammable materials.) Wash area clean with water and detergent. Transfer all waste to an approved waste disposal container, observing national legislation.

7. HANDLING AND STORAGE

7.1 Handling Precautions Use in a well ventilated area. Prevent creation of dust cloud, use protective dust mask. Observe good housekeeping procedures when handling the product. Do not eat, drink or smoke. Use Local Exhaust Ventilation (LEV) to minimise worker exposure. Use protective clothing when necessary.

7.2 Storage Precautions Product is stable at room temperature. Keep away from sources of ignition. Store in tightly sealed containers, in a cool dry place away from direct sunlight. Prevent access by unauthorised personnel.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Ingredient comments: No exposure limits known



8.2 Exposure controls



Respiratory Protection: Ensure adequate ventilation. If ventilation is insufficient use approved respirators.

Skin/Hand Protection: Wear personal protective equipment. Use chemical resistant safety gloves. Polyvinyl alcohol or nitrile rubber gloves are recommended.



Eye/Face Protection: Wear safety glasses/visors. Ensure eye washes are available.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance:	Liquid
Colour:	Clear colourless
Odour:	Mild odour
Odour threshold:	No information available
pH (5% aqueous Deionised water) @ 25ºC:	3.8 – 4.5
Melting point:	No information available
Initial boiling point and range:	No information available
Flash point:	No information available
Evaporation rate:	No information available
Evaporation factor:	No information available
Flammability (solid, gas):	Not flammable
Upper flammability or explosive limits:	No information available
Lower flammability or explosive limits:	No information available
Other flammability:	No information available
Vapour pressure:	No information available
Vapour density:	No information available
Specific gravity @ 25ºC:	~ 1.02
Bulk density:	No information available
Solubility(ies):	Moderately soluble in water
Partition coefficient:	No information available
Auto-ignition temperature:	No information available
Decomposition Temperature:	No information available
Viscosity:	No information available
Explosive properties:	No information available
Explosive under influence of a flame:	No information available
Oxidising properties:	No information available

9.2. Other information

Viscosity:	7500-15-000 cP @ 25°C (Spindle 4, 10rpm)

10. STABILITY AND REACTIVITY

10.1. Reactivity	There are no known reactivity hazards associated with this product.
10.2. Chemical stability	Stable at normal ambient temperatures and when used as recommended.
10.3. Possibility of hazardous reactions	Will not polymerise.
10.4. Conditions to avoid	Keep away from any source of ignition, do not allow to freeze
10.5. Incompatible materials	Avoid strong oxidisers, acids and alkalis.
10.6. Hazardous decomposition products	Decomposition may release carbon dioxide, carbon monoxide and other organic compound fumes.

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11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity
Based on available data, the classification criteria are not met.Toxicological information on ingredients.
Copolymer of acrylamide and diallyldimethylamminium chloride

Acute toxicity - Oral	LD50 rat (oral): >2000 mg/kg, Oral, Rat
Acute toxicity - Dermal	LD50 rat (dermal): >2000 mg/kg, Dermal, Rat

This product is NOT intended for oral use.

LD50 dosage levels are only a guideline obtained from historical data, Bay House Ingredients does not test its products on animals.

Skin corrosion/irritation:	No irritation expected
Serious eye damage/irritation:	No irritation expected
Respiratory sensitisation:	No information available
Skin sensitisation:	No irritation expected
Germ cell mutagenicity:	No information available
Carcinogenicity:	No information available

11.2 Information on other hazards

Endocrine disrupting properties : No information available

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

a) Aquatic acute toxicity : Toxicity to fish: LC50 (96 h) > 10 mg/l, Zebra Fish (OECD 203; ISO 7346; 84/449/EEC, C.1, semistatic)

b) Aquatic acute toxicity : Aquatic invertebrates: EC50 (48 h) > 10 mg/l, Daphnia magna (OECD Guideline 202, part 1)

12.2 Persistence and degradability	Readily biodegradable
12.3 Bioaccumulative potential	Bioaccumulation is unlikely
1.4 Mobility in soil	No information available
12.5 Results of PBT and vPvB assessment	No information available
12.6 Endocrine disrupting properties	No information available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not pour into drains or waterways.
Care must be used to prevent the product contaminating rivers, waterways or drains. Should this happen alert the relevant authorities in accordance with statutory procedures

Comply with local and national regulations for waste disposal.
Empty containers should be washed thoroughly with detergent before being sent for disposal.
Washings should be disposed of as waste.

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14. TRANSPORT INFORMATION

Transport this product in compliance with and provision of, the ADR/RID for Road and Rail, IMDG for Sea and ICAO/IATA for Air transportation.

UN Shipping Name (N.O.S.): NON HAZARDOUS SUBSTANCE, LIQUID
ADR/RID (Road/Rail): Not restricted
IMDG-CODE (Sea): Not listed
ICAO/IATA (Air): Not regulated
UN Number:
Packing Group:
Subsidiary Risk:
Packing Instructions: Non-hazardous substance, transport in suitable container..

Labelling according to ADR/RID, IMDG/IMO and ICAO/IATA:

UN Shipping Name: NON HAZARDOUS SUBSTANCE, POWDER

15. REGULATORY INFORMATION

Product Classification: POLYQUATERNIUM-7

This product is labelled according to the criteria of Directive CLP 1272/2008/EC.

Classification: NONE

EHC 3 Harmful to aquatic life with long lasting effects

Safety Precautions:

Do not eat, drink or smoke when using this product.
Wear protective gloves and wash hands thoroughly after handling.
Keep container tightly closed.
Avoid release to the environment.

16. ADDITIONAL INFORMATION

Legal disclaimer:

The information given on this material health and safety sheet is not a warranty as to the performance or suitability of the product. The information must be regarded only as a description of the health, safety and environmental requirements for that product. The information contained herein is true and accurate to the best of our knowledge and belief, but does not claim to be all inclusive. Bay House Ingredients is a Division of Aroma Trading Ltd, Registered No. 2698381, V.A.T. Registration No. 600 516 981 and as such, shall not be held liable for any damage resulting from handling or from contact with the product, since the conditions of use are out of our control. It is the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

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