



## Safety Data Sheet

# Hibernate

## BioGuard

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### 1 IDENTIFICATION OF CHEMICAL

**Product Name:** Hibernate  
**Chemical Name:** Cationic polymer  
**Other Names:** - -

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### 2 COMPOSITION

Ingredients:	Wt%	CAS No.	EINECS No	EEC No.	Phrases
Alkyl Dimethyl Benzyl Ammonium Chloride.	<36	68391-01-5	--	--	R22-34 S26,28,36/37/39

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### 3 HAZARD IDENTIFICATION

Corrosive. Causes burns. Avoid contact with skin and eyes. Harmful if swallowed.

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### 4 FIRST AID MEASURES

**Skin Contact:** Wash with cold water for a minimum of 15 minutes. If skin irritation persists, seek medical attention.

**Eye contact:** Flush eyes with cold flowing water for at least 20 minutes. Seek medical attention immediately.

**Ingestion:** Drink large quantities of water. DO NOT INDUCE VOMITING. Do not give anything by mouth to an unconscious person. Seek medical attention.

**Inhalation:** Remove person to fresh air and seek medical attention.

**Note:** When seeking medical attention, always show the product label.

## 5 FIRE FIGHTING MEASURES

<b>Flammability:</b>	Not applicable
<b>Suitable extinguishers:</b>	Water fog, dry powder or CO2
<b>Hazardous combustion products are:</b>	No unusual decomposition products or fire hazards

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## 6 ACCIDENTAL RELEASE MEASURES

Use appropriate personal protective equipment as detailed in section 8.

### Spillages and Leaks:

Contain and absorb spillage in inert material such as sand. Sweep up the spill and place in clean, dry plastic containers including any contaminated soil. Dispose of product in accordance with relevant local and national waste disposal legislation.

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## 7 HANDLING AND STORAGE

**Handling:** Mix only with water. Always add small quantities of product to water. Do not add water to product. Ensure all dispensing devices are clean and free from other chemicals.

**Storage:** Keep this product in original, closed container when not in use. Store in a cool, dry, well-ventilated area. Keep this product and all other chemicals out of the reach of children.

**Avoid contact with:** Do not mix with other products or chemicals.

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## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:	8hr TWA		15min STEL		Authority
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	

Not established

**General:** General room ventilation plus local exhaust should be used to minimize exposure to vapours. Remove and wash contaminated clothing before reuse.

**PPE**

**Respiratory:** Use respiratory protection for general vapour inhalation protection Where conditions warrant use.

**Skin:** Wear rubber gloves when handling this product. Avoid contact with skin.

**Eyes:** Wear goggles or safety glasses with side shields when handling this product.

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid
<b>Odour:</b>	Almondy
<b>Appearance:</b>	Clear
<b>Colour:</b>	Blue
<b>Solubility in water:</b>	Miscible in water
<b>Specific gravity:</b>	1 gm/ml
<b>pH</b>	4 - 7

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## 10 STABILITY AND REACTIVITY.

<b>Conditions to avoid:</b>	High temperature. Poor ventilation. Contamination.
<b>Stability:</b>	This product is stable under normal conditions.
<b>Polymerisation:</b>	Hazardous polymerisation will not occur under normal conditions.
<b>Incompatible materials:</b>	Other swimming pool/spa chemicals in their concentrated forms. Oxidizing compounds

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## 11 TOXICOLOGICAL INFORMATION.

This product may be an eye and skin irritant.  
This product is not listed as a carcinogen

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## 12 ECOLOGICAL INFORMATION.

This product may be toxic to fish and aquatic organisms. Keep product from entering waterways and watersheds.

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## 13 DISPOSAL CONSIDERATIONS.

<b>Disposal Method:</b>	Do not put product, spilled product or filled or partially filled containers into the waste. Contact with incompatible materials could cause a reaction or fire. Disposal of unused, uncontaminated product is regulated according to local and national disposal regulations.
<b>Empty Containers:</b>	Do not re-use container. Rinse thoroughly before discarding.

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## 14 TRANSPORT INFORMATION.

<b>UN No:</b>	1760
<b>Primary Hazard:</b>	Corrosive Liquid (Alkyl Dimethyl Benzyl ammonium Chloride)
<b>Packing Group:</b>	III
<b>Hazard ID No:</b>	80
<b>Class:</b>	8
<b>EAC:</b>	2X

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## 15 REGULATORY INFORMATION

<b>Product Name:</b>	Hibernate (Alkyl Dimethyl Benzyl Ammonium Chloride)	
<b>Hazard Symbol:</b>	Corrosive	
<b>Risk Phrases:</b>	R22	Harmful if swallowed.
	R34	Causes burns
<b>Safety Phrases:</b>	S2	Keep out of reach of children.
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S28	After contact with skin wash immediately with plenty of soap and water.
	S24/25	Avoid contact with skin and eyes.
	S36/37/39	Wear protective clothing, gloves and eye/face protection.

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## 16 OTHER INFORMATION

**Recommended uses and restrictions:** No further information.

### Further information sources.

Sources of key data used to compile Safety Data Sheet.

Approved supply list. Approved carriage list. EH40, ACIGH tablets

**The data in this Safety Data Sheet has been supplied as required by the Chemicals (Hazard Identification and Packaging) Regulations 1997, as amended, for the purpose of protecting the health and safety of industrial users who are deemed capable of understanding and acting on the information provided. Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.**

**This data sheet does not constitute a users assessment of the workplace risk as required by the Health and Safety at Work Act, COSHH, Management of Health and Safety at Work or other health and safety legislation.**

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