



**BioGuard**

# Safety Data Sheet Chem-out

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## 1 IDENTIFICATION OF CHEMICAL

**Product Name:** Chem-out  
**Chemical Name:** Sodium Sulphite

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## 2 COMPOSITION

Ingredients:	Wt%	CAS No.	EINECS No	EEC No.	Phrases
Sodium Sulphite	100	7757-83-7	--	--	R36/38 S1/2, 22,24-26,37-39

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## 3 HAZARD IDENTIFICATION

**Irritant:** Causes eye, skin and respiratory irritation. Avoid contact with eyes, skin or clothing. 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. If experiencing breathing difficulties, allow a trained person to administer oxygen.

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

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## 5 FIRE FIGHTING MEASURES

<b>Flammability:</b>	Not applicable
<b>Suitable extinguishers:</b>	Water fog, foam or CO <sub>2</sub>
<b>Hazardous combustion products are:</b>	Oxides of sulphur (corrosives, oxidisers and toxic) including sulphur trioxide (fire hazard).

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## 6 ACCIDENTAL RELEASE MEASURES

Use appropriate personal protective equipment as detailed in section 8.

### Spillages and Leaks:

Contain the spillage. 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

<b>Handling:</b>	Mix only with water. Always add small quantities of product to water. <b>DO NOT</b> add water to product. Ensure all dispensing devices are clean and free from other chemicals.
<b>Storage:</b>	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 reach of children.
<b>Avoid contact with:</b>	<b>DO NOT</b> mix with other products or chemicals.

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## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Exposure Limits:</b>	<b>8hr TWA</b>	<b>15min STEL</b>	<b>Authority</b>
	ppm mg/m <sup>3</sup>	ppm mg/m <sup>3</sup>	
Sodium Sulphite.	Not listed		

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

<b>PPE</b>	<b>Respiratory:</b> Use respiratory protection for general dust inhalation protection.
	<b>Skin:</b> Wear rubber gloves when handling this product. Avoid contact with skin.
	<b>Eyes:</b> 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>	Solid
<b>Odour:</b>	Odourless
<b>Appearance:</b>	Powder
<b>Colour:</b>	White.
<b>Solubility in Water:</b>	12.5g/100g water
<b>Specific Gravity:</b>	2.6 gm/l
<b>pH:</b>	9.0

## 10 STABILITY AND REACTIVITY

<b>Conditions to avoid:</b>	High temperature. Poor ventilation. Contamination. Moisture/high humidity.
<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 is 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>	<b>DO NOT</b> 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 Legislation.
<b>Empty Containers:</b>	<b>DO NOT</b> re-use container. Rinse thoroughly before discarding.

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## 14 TRANSPORT INFORMATION

<b>UN No:</b>	Not regulated
<b>Primary Hazard:</b>	Not regulated
<b>Packing Group:</b>	Not regulated
<b>Hazard ID No:</b>	Not regulated
<b>Class:</b>	Not regulated
<b>EAC:</b>	Not regulated

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## 15 REGULATORY INFORMATION

<b>Product name:</b>	Sodium Sulphite	
<b>Hazard symbol:</b>	Irritant.	
<b>Risk Phrases:</b>	R36/38	Irritating to eyes and skin
<b>Safety Phrases:</b>	S2	Keep out of reach of children
	S22	Do Not breathe dust.
	S24/25	Avoid contact with skin and eyes.
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical attention.
	S37/39	Wear suitable 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 tables.

**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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