



Safety Data Sheet

Lo 'n' Slo

BioGuard

Biolab U.K. Limited
Unit 4 Andoversford Industrial Estate,
Cheltenham, Glos. GL54 4LB
Tel +44 (0) 1242 820969 Fax: +44(0) 1242 820180

SDS Ref: BGD1000
Revision Date: 31st May 2000

1 IDENTIFICATION OF CHEMICAL

Product name: Lo 'n' slo
Chemical name: Sodium Hydrogensulphate
Other names: Sodium Bisulphate

2 COMPOSITION

Ingredients:	Wt%	CAS No.	EINECS No	EEC No.	Phrases
Sodium Hydrogensulphate	100	7681-38-1	016-046-00-X	231-665-7	R41 S1/2,24,26

3 HAZARD IDENTIFICATION

Irritant: Risk of serious damage to eyes.

4 FIRST AID MEASURES

Skin contact: If contact with skin occurs, wash off with plenty of cool water for at least 15 minutes. If skin irritation persists, seek immediate medical attention. Remove contaminated clothing.

Eye contact: If contact with eyes occurs, immediately flush contaminated eye(s) with cool, gently flowing water for at least 20 minutes. Seek immediate medical attention.

Ingestion: If swallowed, drink large amounts of water. **DO NOT INDUCE VOMITING.** Avoid alcohol. **NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.** Seek medical attention immediately.

Inhalation: If inhaled, remove individual to fresh air. If breathing is difficult, have a trained person administer oxygen. Seek medical attention immediately.

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

5 FIRE FIGHTING MEASURES

Flammability:	Not applicable
Suitable extinguishers:	Water fog, dry powder, CO ₂ .
Hazardous combustion products are:	Decomposes to produce toxic oxides of sulphur.
Special equipment:	Self contained breathing apparatus. (SCBA)

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. May be neutralised with sodium carbonate. Dispose of product in accordance with relevant local and national waste disposal legislation.

7 HANDLING AND STORAGE

Handling:	DO NOT mix with other chemicals. Mix only with water. Never add water to product. Always add product to water. Use clean dry dispensing equipment.
Storage:	Keep this product in original, sealed 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. Avoid contact with metals.
Avoid contact with:	Other swimming pool/spa chemicals in their concentrated forms.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:	8hr TWA		15min STEL		Authority
	ppm	mg/m ³	ppm	mg/m ³	
Not listed but general dust levels apply.	--	10	--	--	EH40

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

PPE	Respiratory: Use suitable dust mask to prevent exposure to airborne dusts.
	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.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid
Odour:	Odourless
Melting point:	205 °C with decomposition.
Appearance:	Powder
Colour:	White
Solubility in Water:	180gm/l water @ 25 °C
Relative density:	1.4/1.5 g/cm ³
pH:	1.8 @ 1.2% w/w soln.

10 STABILITY AND REACTIVITY

Conditions to avoid:	High temperature. Poor ventilation. Contamination, Moisture and humidity.
Stability:	This product is stable under normal conditions.
Decomposition products:	Toxic oxides of sulphur and hydrogen (metal contact)
Incompatible materials:	Metals and other swimming pool/spa chemicals in their concentrated forms. Bases and strong oxidising agents.

11 TOXICOLOGICAL INFORMATION

This product is corrosive to skin and eyes.
This product is not listed as a carcinogen.

12 ECOLOGICAL INFORMATION

Aquatic toxicity:	LC50 fish (Daphnia Magna) 190 mg/(H8HR) Properties similar to sulphuric acid.
--------------------------	--

13 DISPOSAL CONSIDERATIONS

Disposal Methods: **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 regulations.

Empty Containers: **DO NOT** re-use container. Rinse thoroughly before discarding.

14 TRANSPORT INFORMATION

UN No:	Not Regulated
Primary Hazard:	Not Regulated
Packing Group:	Not Regulated
Hazard ID No:	Not Regulated
Class:	Not Regulated
EAC:	Not Regulated

15 REGULATORY INFORMATION

Product name:	Lo'n'Slo	
Hazard symbol:	Irritant	
Risk Phrases:	R41	Risk of serious damage to eyes.
Safety Phrases:	S1/2	Keep locked up and out of reach of children
	S24	Avoid contact with skin
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

16 OTHER INFORMATION

Recommended uses and restrictions: No further information.

Further information sources: No further information.

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 1998, 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.
