

## Section 1. Product and Company Identification.

**1.1 Model Number;** DL52 v1  
**1.2 Description;** 1.5kg pH Reducers for Hot Tubs, Spas & Swimming Pools

**1.3 Manufacturer;**  
Sealey Group.  
Kempson Way,  
Bury St. Edmunds,  
Suffolk.  
IP32 7AR

**1.4 Emergency telephone number;** 44 (0) 1284 757 500 (Office Hours)

**Date of source compilation;** 29/05/2019

## Section 2. Hazards Identification.

**2.1 Classification of the substance or mixture.**

Causes serious eye damage.

**2.2 Label elements.**

**Hazard pictogram(s)**



**Signal Word.** Danger

**Hazard statements;**

Causes serious eye damage.

**Precautionary statements;**

Keep out of reach of children.

Do not get in eyes, on skin, or on clothing.

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

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Immediately call a POISON CENTER or doctor.

**2.3 Other hazards.**

Not identified as a PBT/vPvB substance.

## Section 3. Substances.

3.1 Chemical Name (substance)	3.1 CAS No.	3.2 Concentration Weight	Classification	
			Hazard Class & Category Code	Hazard Statements <sup>1</sup>
SODIUM HYDROGENSULPHATE	7681-38-1		Eye Dam. 1	H318

<sup>1</sup>For full text of Statements, see Section 16.

## Section 4. First Aid Measures.

### 4.1 Description of first aid measures

#### Inhalation

Remove casualty from exposure ensuring one's own safety whilst doing so.

#### Skin Contact

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.

#### Eye Contact

Bathe the eye with running water for 15 minutes.

Get medical advice / attention.

#### Ingestion

Wash out mouth with water. Do not induce vomiting.

Get medical advice / attention.

### 4.2. Most important symptoms and effects, both acute and delayed

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

There may be shortness of breath with a burning sensation in the throat.

**Skin contact:** Irritation or pain may occur at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be soreness and redness of the mouth and throat. There may be vomiting.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

### 4.3. Indication of any immediate medical attention and special treatment needed

Eye bathing equipment should be available on the premises.

## Section 5. Fire Fighting Measures.

### 5.1. Extinguishing media

Water spray. Carbon dioxide. Dry chemical powder.

### 5.2. Special hazards arising from the substance or mixture

In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

Wear self-contained breathing apparatus.

Wear protective clothing to prevent contact with skin and eyes.

## Section 6. Accidental Release Measures.

### 6.1. Personal precautions, protective equipment and emergency procedures

Contain the spillage using bunding.

### 6.2. Environmental precautions

Do not discharge into drains or rivers.

### 6.3. Methods and material for containment and cleaning up

Wash the spillage site with large amounts of water.

### 6.4. Reference to other sections

See Section 7 for information on Safe Handling

See Section 8 for information of Personal Protective Equipment.

See Section 13 for information on disposal.

## Section 7. Handling and Storage.

### 7.1. Precautions for safe handling

Ensure there is sufficient ventilation of the area.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in a cool, well ventilated area. Avoid contact with water or humidity.

**Suitable packaging:** Polyethylene.

### 7.3. Specific end use(s)

Intended for use as pH Reducers for Hot Tubs, Spas & Swimming Pools, Model Number identified in 1.1 with Description stated in 1.2.

## Section 8. Exposure Controls/Personal Protection.

### 8.1. Control parameters

No data available.

### 8.2. Exposure controls

#### Appropriate Engineering Controls

Ensure there is sufficient ventilation of the area.

#### Eye/Face Protection

Safety glasses with side-shields.

EN 166

#### Skin Protection

Rubber gloves. Butyl gloves. PVC gloves. Chloroprene rubber (CR) – 0.5 mm coating thickness Chemical resistant protective gloves (EN 374) Breakthrough time of the glove material > 8 hours.

Wash hands after use.

#### Respiratory Protection

No specific recommendations, but respiratory protection may be required under exceptional circumstances.

Respiratory protective device with particle filter.

## Section 9. Physical and Chemical Properties.

### 9.1. Information on basic physical and chemical properties

**The following information is not a technical specification or sales specification.**

(a) Appearance:	Powder. White.
(b) Odour:	Perceptible.
(c) Odour threshold;	No data available.
(d) pH:	No data available.
(e) Melting point;	884°C
(f) Initial boiling point and boiling range;	No data available.
(g) Flash point;	No data available.
(h) Evaporation rate;	No data available.
(i) Flammability (solid, gas);	No data available.
(j) Upper/lower flammability or explosive limits;	No data available.
(k) Vapour pressure;	No data available.
(l) Vapour density;	No data available.
(m) Relative density;	2.7
(n) Solubility(ies);	No data available.
(o) Partition coefficient: n-octanol/water;	No data available.
(p) Auto-ignition temperature;	No data available.
(q) Decomposition temperature;	No data available.
(r) Viscosity;	No data available.
(s) Explosive properties;	No data available.
(t) Oxidising properties.	no data available.

### 9.2 Other information

No data available.

## Section 10. Stability and Reactivity.

<b>10.1.</b> Reactivity	Stable under recommended storage and transport conditions.
<b>10.2.</b> Chemical stability	Stable under normal conditions.
<b>10.3.</b> Possibility of hazardous reactions	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
<b>10.4.</b> Conditions to avoid	Heat. Temperature below 8°C.
<b>10.5.</b> Incompatible materials	No data available.
<b>10.6.</b> Hazardous decomposition products	In combustion emits toxic fumes of sulphur oxides.

## Section 11. Toxicological Information.

**11.1.** Information on toxicological effects  
No data available.

## Section 12. Ecological Information.

12.1. Toxicity  
Ecotoxicity values;

Species	Test	Value	Units
Daphnia magna	48H EC50	190	mg/l
bluegill sLC50 96hr	LC50 96hr	1350	mg/l

12.2. Persistence and degradability	Biodegradable.
12.3. Bioaccumulative potential	No bioaccumulation potential.
12.4. Mobility in soil	Soluble in water.
12.5. Results of PBT and vPvB assessment	Not identified as a PBT/vPvB substance
12.6. Other adverse effects	Negligible ecotoxicity.

## Section 13. Disposal Considerations.

**13.1.** Waste treatment methods

Dispose of in accordance with local authority regulations.

Do not allow product to enter water courses.

## Section 14. Transport Information.

No regulated for transport.

## Section 15. Regulatory Information.

**15.1.** Safety, health and environmental regulations/legislation specific for the substance or mixture  
No data available.

**15.2.** Chemical safety assessment  
No data available.

## Section 16. Additional Information.

Full text of Phrases and Statements used in Section 3;

H318 Causes serious eye damage.

The above information is believed to be accurate and represents the best information currently available.

No warranty is expressed or implied by the above information.

We assume no liability resulting from use of the above information.

The end user should conduct their own investigations to determine the suitability of the above information for their particular purpose.

Issue level	Date	Revisions
1	21/12/20	First issue.

End of Safety Data Sheet.