

## Section 1. Product and Company Identification.

**1.1 Model Number;** DL53 v1  
**1.2 Description;** Dellonda - 1kg pH Plus+ 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;** 10/01/2020

## Section 2. Hazards Identification.

**2.1 Classification of the substance or mixture.**  
Causes serious eye irritation.

**2.2 Label elements.**  
**Hazard pictogram(s)**



**Signal Word.** Warning

**Hazard statements;**  
Causes serious eye irritation.

**Precautionary statements;**  
Wash hands thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Avoid breathing dust.  
Dispose of contents/container to an approved waste facility.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing.  
If eye irritation persists: Get medical advice/attention.

**Section 2. Hazards Identification continued.****2.3 Other hazards.**

Hygroscopic: readily absorbs water from air.

This product is 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 CARBONATE	497-19-8	100 %	Eye Irrit. 2	H319

<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.

Place in the recovery position.

Ensure the casualty sits or lies down.

If breathing becomes bubbly, have the casualty sit.

Get medical advice / attention.

#### **Skin Contact**

Remove all contaminated clothes and footwear immediately unless stuck to skin.

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

Get medical advice / attention.

#### **Eye Contact**

Bathe the eye with running water for 15 minutes.

Get medical advice / attention.

#### **Ingestion**

Do not induce vomiting. If conscious, give half a litre of water to drink immediately.

If unconscious, check for breathing and apply artificial respiration if necessary.

If unconscious and breathing is OK, place in the recovery position.

Get medical advice / attention.

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

**Inhalation:** There may be a feeling of tightness in the chest with shortness of breath. Exposure may cause coughing or wheezing. There may be congestion of the lungs causing severe shortness of breath. There may be loss of consciousness.

**Skin contact:** Irritation or pain may occur at the site of contact. There may be redness or whiteness of the skin in the area of exposure.

**Eye contact:** There may be irritation and pain. The eyes may water profusely. Corneal burns may occur.

**Ingestion:** There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Corrosive burns may appear around the lips. Nausea and stomach pain may occur. There may be vomiting. Blood may be vomited.

**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

Carbon dioxide. Alcohol resistant foam.

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

In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

### 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

Do not create dust.

### 6.2. Environmental precautions

No data available.

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

Transfer to a suitable container. Wash down the drain with large amounts of water.

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.

Avoid direct contact with the substance.

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

Store in a cool, well ventilated area.

Keep container tightly closed.

### 7.3. Specific end use(s)

Intended for use as pH Plus+ 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

Chemical goggles consistent with European standard EN 166 .  
Ensure eye bath is to hand.

#### Skin Protection

Neoprene gloves. Rubber gloves. Glove thickness: 0.11mm  
Chemical resistant protective gloves (EN ISO 374-1)  
Breakthrough time of the glove material > 8 hours.  
Protective clothing with elasticated cuffs and closed neck.  
Boots made of PVC.  
Ensure safety shower is to hand.

#### Respiratory Protection

If ventilation is inadequate, suitable respiratory protection must be worn.  
EN136 / EN140 / EN141 / EN145 / EN143 / EN149.

## 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:	Odourless.
(c) Odour threshold;	No data available.
(d) pH:	>11 (10% sol)
(e) Melting point/freezing point;	No data available.
(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;	No data available.
(n) Solubility(ies);	Soluble in water.
(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.

### 10.1. Reactivity

Stable under recommended storage and transport conditions.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. 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.

### 10.4. Conditions to avoid

No data available

### 10.5. Incompatible materials

Acids. Aluminium. Magnesium.

### 10.6. Hazardous decomposition products

In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

## Section 11. Toxicological Information.

### 11.1. Information on toxicological effects

Toxicity values;

Route	Species	Test	Value	Units
ORL	RAT	LD50	6600	mg/kg
ORL	RAT	LD50	4090	mg/kg
SCU	MUS	LD50	2210	mg/kg

Hazardous ingredients;

SODIUM CARBONATE

ORL	RAT	LD50	6600	mg/kg
ORL	RAT	LD50	4090	mg/kg
SCU	MUS	LD50	2210	mg/kg

## Section 12. Ecological Information.

Ecotoxicity values;

Species	Test	Value	Units
BLUEGILL (Lepomis macrochirus)	96H LC50	330	mg/l
Daphnia magna	48H EC50	265	mg/l

## Section 13. Disposal Considerations.

### 13.1. Waste treatment methods

Dispose of in accordance with local authority regulations.  
Do not allow to enter water courses.

## Section 14. Transport Information.

Not 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;

H319 Causes serious eye irritation.

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.