Section 1. Product and Company Identification.

1.1 Model Number; DL63 v1

1.2 Description; Dellonda Hot Tub/Spa Starter Kit - Chlorine Granules pH Increaser.

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; 02/10/2019

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;
H318: Causes serious eye damage.

Precautionary statements;
P102 Keep out of reach of children.
P352 Wash with plenty of soap and water.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P262 Do not get in eyes, on skin, or on clothing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P321 Specific treatment (see information on this label)
P405 Store locked up.
P501 Dispose of contents/container to an approved waste facility.

2.3 Other hazards.
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** [1]
Sodium Hydrogen Sulphate	7681-38-1	100	Eye Dam. 1	H318

[1]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.
Seek medical attention.

Ingestion

If conscious, give half a litre of water to drink immediately.
Seek medical 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

Immediate / special treatment: 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
Mark out the contaminated area with signs and prevent unauthorised access.

6.2. Environmental precautions
Do not discharge into drains or rivers.
Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up
Avoid dust formation.
Clean up promptly by sweeping or vacuum.
Keep in suitable, closed containers for disposal.

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 the pH Increaser for the Model Number identified in 1.1 with Description stated in 1.2.

Section 8. Exposure Controls/Personal Protection.

8.1. Control parameters
Workplace exposure limits.
No data available.

8.2. Exposure controls

Appropriate Engineering Controls
Ensure adequate ventilation.

Eye/Face Protection
Safety glasses with side shields.
EN 166, Fine dust particles.

Skin Protection
Rubber gloves. PVC gloves.
Glove thickness: 0.5mm Breakthrough time of the glove material > 8 hours.
Overalls to protect contact with skin.
Rubber boots.

Respiratory Protection
If ventilation is inadequate, suitable respiratory protection must be worn.
EN 143 Respiratory protection, 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:	<2 (as 1% solution)
(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;	Non-viscous.
(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 conditions.
10.2. Chemical stability	Stable under normal conditions.
10.3. Possibility of hazardous reactions	Will not occur under recommended storage conditions. Decomposition may occur on exposure conditions in 10.4.
10.4. Conditions to avoid	Heat.
10.5. Incompatible materials	Strong bases. Halogenated compounds.
10.6. 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;

Species	Test	Value	Units
Daphia magna	48H EC50	190	mg/l
Bluegill s	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	This product is 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 to enter watercourses or drains.

Section 14. Transport Information.

This product does not require classification 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	19/02/21	First issue.

End of Safety Data Sheet.