



## Section 1. Product and Company Identification.

**1.1 Model Number;** DL63 v1  
**1.2 Description;** Dellonda Above Ground Swimming Pool Starter Kit  
Algaecide

**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;** 25/10/2019

## Section 2. Hazards Identification.

### 2.1 Classification of the substance or mixture.

xxx

### 2.2 Label elements.

#### Hazard pictogram(s)



#### Signal Word.

Danger

#### Hazard statements;

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

#### Precautionary statements;

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water .

P273 Avoid release to the environment.

P501 Dispose of contents and container to an approved waste disposal plant.

### 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 Volume	Classification	
			Hazard Class & Category Code	Hazard Statements <sup>1</sup>
Alkyl (C12-16) Dimethylbenzyl Ammonium Chloride	68424-85-1	1-10-%	Acute Tox. 4 * Aquatic Chronic 1 Skin Corr. 1B Eye Dam. 1 Aquatic Acute 1	H302 H410 H314 H318 H400

<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

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.

If irritation persists seek medical attention.

#### Eye Contact

Bathe the eye with running water for 15 minutes.

Seek medical attention.

#### Ingestion

Do not induce vomiting.

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** No data available.

**Skin contact** There may be irritation and redness at the site of contact.

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

**Ingestion** Nausea and stomach pain may occur. There may be vomiting.

Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation.

### 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.

### **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.

Turn leaking containers leak-side up to prevent the escape of liquid.

### **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**

Absorb into dry earth or sand.

Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### **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.

Keep in original packaging.

### **7.3. Specific end use(s)**

Intended for use as the Algacide 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 > 4 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:	Liquid. Blue
(b) Odour:	Perceptible.
(c) Odour threshold;	No data available.
(d) pH:	No data available.
(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;	0.99 +/- 0.01
(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 conditions.
10.2. Chemical stability	Stable under normal conditions.
10.3. Possibility of hazardous reactions	Will not occur under recommended storage conditions.
10.4. Conditions to avoid	Decomposition may occur on exposure conditions in 10.4. Heat. Direct sunlight.
10.5. Incompatible materials	Strong oxidising agents. Strong acids.
10.6. Hazardous decomposition products	In combustion emits toxic fumes.

## Section 11. Toxicological Information.

### 11.1. Information on toxicological effects

Dermal	RAT	ATE	>5000	mg/kg
Oral	RAT	LD50	795	mg/kg

## Section 12. Ecological Information.

### 12.1. Toxicity

Alkyl (C12-16) Dimethylbenzyl Ammonium Chloride

Activated sludge	0.5H EC20	5	mg/l
Daphnia	21D NOEC	0.025	mg/l
Daphnia	48H EC50	0.016	mg/l
RAINBOW TROUT ( <i>Oncorhynchus mykiss</i> )	96H LC50	0.025	mg/l
<i>Pseudokirchneriella subcapitata</i>	10H EC10	0.0025	mg/l
<i>Pseudokirchneriella subcapitata</i>	72H EC50	0.02	mg/l

12.2. Persistence and degradability	No data available.
12.3. Bioaccumulative potential	No data available.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	This product is not identified as a PBT/vPvB substance
12.6. Other adverse effects	Do not allow concentrated product to enter rivers or water courses.

## 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.

### ADR. International Carriage of Dangerous Goods by Road.

<b>14.1.</b> UN number	UN 3082
<b>14.2.</b> Name and Description	Environmentally hazardous substance, liquid, n.o.s (Alkyl (C12-16) Dimethylbenzyl Ammonium Chloride)
<b>14.3.</b> Transport hazard class(es)	9
<b>14.4.</b> Packing group	III
<b>14.5.</b> Environmental hazards	Toxic to aquatic life with long lasting effects.
<b>14.6.</b> Special precautions for user	No special precautions necessary.

### IATA. International Air Transport Association.

<b>14.1.</b> UN number	UN 3082
<b>14.2.</b> UN Proper Shipping Name/Description	Environmentally hazardous substance, liquid, n.o.s (Alkyl (C12-16) Dimethylbenzyl Ammonium Chloride)
<b>14.3.</b> Transport hazard class(es)	9
<b>14.4.</b> Packing group	III
<b>14.5.</b> Environmental hazards	Toxic to aquatic life with long lasting effects.
<b>14.6.</b> Special precautions for user	No special precautions necessary.

### IMDG. International Maritime Dangerous Goods.

<b>14.1.</b> UN number	UN 3082
<b>14.2.</b> UN proper shipping name	Environmentally hazardous substance, liquid, n.o.s (Alkyl (C12-16) Dimethylbenzyl Ammonium Chloride)
<b>14.3.</b> Transport hazard class(es)	9
<b>14.4.</b> Packing group	III
<b>14.5.</b> Environmental hazards	Toxic to aquatic life with long lasting effects.
<b>14.6.</b> Special precautions for user	No special precautions necessary.
<b>14.7.</b> Transport in bulk – Maritime only.	Bulk transport is not applicable to this product

## 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;

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

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.