

## Section 1. Product and Company Identification.

**1.1 Model Number;** DL61 v1  
**1.2 Description;** Hot Tub/Spa/Swimming Pool Instant Cartridge Filter Cleaner - 500ml

**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;** 19/08/2019

## Section 2. Hazards Identification.

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

Causes serious eye irritation. Harmful in contact with skin. Harmful if swallowed. Harmful if inhaled.

**2.2 Label elements.**

**Hazard pictogram(s)**



**Signal Word.** Danger

**Hazard statements;**

Harmful in contact with skin.  
Harmful if swallowed.  
Causes skin irritation.  
Causes serious eye irritation.  
Harmful if inhaled.  
Suspected of causing cancer.

**Precautionary statements;**

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>
2-BUTOXYETHANOL	111-76-2	1 - 10 %	Acute Tox. 4 Acute Tox. 4 Acute Tox. 4 Skin Irrit. 2 Eye Irrit. 2	H332 H312 H302 H315 H319
ALIPHATIC ALCOHOL ETHOXYLATE	68439-45-2	1 - 10 %	-	-
TETRA POTASSIUM PYROPHOSPHATE	7320-34-5	1 - 10 %	-	-
TRISODIUM NITRILO TRIACETATE	5064-31-3	< 1 %	Carc. 2 Acute Tox. 4 Eye Irrit. 2	H351 H302 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.

#### **Skin Contact**

Remove all contaminated clothes and footwear immediately unless stuck to skin.  
Wash immediately with plenty of soap and water.

#### **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:** Not classified for acute inhalation toxicity.

**Skin contact:** Not classified for skin irritation or corrosion.

**Eye contact:** Causes serious eye damage.

**Ingestion:** Not classified for acute oral toxicity.

### 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

Suitable extinguishing media for the surrounding fire should be used.  
Use water spray to cool containers.

### 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 access to unauthorised personnel.

Wear PPE.

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

Avoid direct contact with the substance.

Ensure there is sufficient ventilation of the area.

Avoid the formation or spread of mists in the air.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

Intended for use as Hot Tub/Spa/Swimming Pool Instant Cartridge Filter Cleaner, 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.

Substance	CAS number	Workplace exposure limit.			
		Long term.		Short term.	
		ppm	mg.m <sup>3</sup>	ppm	mg.m <sup>3</sup>
2-BUTOXYETHANOL	111-76-2	25	123	50	246

### 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

Ensure eye bath is to hand.

#### Skin Protection

Chemical gloves EN ISO 374-1

Glove thickness: 0.5mm Breakthrough time of the glove material > 8 hours.

Protective rubber apron

Appropriate Personal Protection with long sleeves and long trousers.

#### Respiratory Protection

Self-contained breathing apparatus must be available in case of emergency.

## 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:	No data available.
(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;	1.012 +/- 0.01
(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. Reactivity</b>	Stable under recommended storage and transport conditions.
<b>10.2. Chemical stability</b>	Stable under normal conditions.
<b>10.3. Possibility of hazardous reactions</b>	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. Conditions to avoid</b>	Heat.
<b>10.5. Incompatible materials</b>	Strong oxidising agents. Strong acids.
<b>10.6. Hazardous decomposition products</b>	In combustion emits toxic fumes.

## Section 11. Toxicological Information.

### 11.1. Information on toxicological effects

#### 2-BUTOXYETHANOL

INBV	RAT	LD50	307	mg/kg
ORL	MUS	LD50	1230	mg/kg
ORL	RAT	LD50	470	mg/kg

#### TETRA POTASSIUM PYROPHOSPHATE

INBV	RAT	LD50	2980	mg/kg
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#### TRISODIUM NITRIL TRIACETATE

INBV	RAT	LD50	1000 - 2000	mg/kg
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## Section 12. Ecological Information.

### 12.1. Toxicity

#### TRISODIUM NITRIL TRIACETATE

FISH	96H LC50	>100	mg/l
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12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Readily absorbed in soil.

12.5. Results of PBT and vPvB assessment

Not identified as a PBT/vPvB substance

12.6. Other adverse effects

No data available.

## Section 13. Disposal Considerations.

### 13.1. Waste treatment methods

Dispose of in accordance with local authority regulations.

## 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;

H312 Harmful in contact with skin.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H351 Suspected of causing cancer.

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.