

Section 1. Product and Company Identification.

1.1 Model Number; DL56 v1
1.2 Description; 1L Cartridge Cleaner for Hot Tubs, Spas & 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; 14/08/2019

Section 2. Hazards Identification.

2.1 Classification of the substance or mixture.

Harmful if swallowed. Causes skin irritation. Causes serious eye damage.

2.2 Label elements.

Hazard pictogram(s)



Signal Word.

Warning

Hazard statements;

Harmful if swallowed.
Causes skin irritation.
Causes serious eye damage.
May be corrosive to metals.

Section 2. Hazards Identification continued.**Precautionary statements;**

Keep out of reach of children.

Wash with soap and water thoroughly after handling.

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

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

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

Continue rinsing.

IF ON SKIN: Wash with plenty of water.

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 ¹
DIPHOSPHONIC ACID	2809-21-4	10 – 30 %	Acute Tox. 4 Eye Dam. 1 Met Corr. 1	H302 H318 H290
POLYCARBOXYLIC ACID	-	1 – 10 %	Skin Irrit. 2 Eye Dam. 1	H315 H318

¹For 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.

Ensure the casualty sits or lies down in the recovery position.

If breathing becomes bubbly, have the casualty sit.

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.

Get medical advice / 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: No data available.

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

Use media suitable for the surrounding fire.

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.
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.
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

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 Cartridge Cleaner for Hot Tubs, Spas & 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

Acid resistant, natural rubber or neoprene gloves.

Protective rubber apron

Appropriate Personal Protection with long sleeves and long trousers.

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:	Liquid. Colourless.
(b) Odour:	Barely 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;	1.08 – 1.10
(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	Heat.
10.5. Incompatible materials	Strong acids. Strong bases.
10.6. Hazardous decomposition products	In combustion emits toxic fumes.

Section 11. Toxicological Information.

11.1. Information on toxicological effects

Hazardous ingredients;

DIPHOSPHONIC ACID

ORL	RAT	LD50	2400	mg/kg
SKN	RBT	LD50	>7000	mg/kg

Section 12. Ecological Information.

DIPHOSPHONIC ACID

Species	Test	Value	Units
FISH	96H LC50	300	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;

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H290 May be corrosive to metals.

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.