

**Leak Seeker**

**1. Identification of the substance/preparation and of the company/undertaking**

**1.1 Product Name** Leak Seeker

**1.2 Relevant Identified uses of the substance or mixture and uses advised against**

Uses: Concentrated sealing agent for swimming pools.

**1.3 Details of the supplier of the safety data sheet**

Company: Complete Pool Controls Ltd  
Unit 2, The Park  
Stoke Orchard  
Bishops Cleeve  
Gloucestershire  
GL52 7RS

Telephone: +44 (0) 8712 229081

+44 (0) 8712 229083

E-mail: [sales@cpc-chemicals.co.uk](mailto:sales@cpc-chemicals.co.uk)

**1.4 Emergency Telephone**

Tel: +44 (0) 8712 229081 (office hours)

+44 (0) 1242 300271 ( outside of office hours)

**2. Hazard Identification**

**2.1 Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008**

Hazard Class	Hazard Statements
Eye Dam 1	H318
Skin Irrit 2	H315
STOT SE 3:	H335

For the full text of the H statements mentioned in this section see Section 16.

Human Health: See section 11 for toxicological information

Physical & Chemical Hazards: See section 9 for physicochemical information

Potential environmental effects: See section 12 for environmental information

**2.2 Label elements**

**Labelling according to Regulation (EC) No 1272/2008**

Hazard pictograms: GHS05: Corrosion  
GHS07: Exclamation mark

Hazard symbols:  

Signal word: Danger

Hazard statements: H315: Causes skin irritation  
H318: Causes serious eye Damage  
H335: May cause respiratory irritation.

Precautionary statements: P102: Keep out of reach of children.  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P302+350: IF ON SKIN: Wash with plenty of soap and water.  
P304+340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P337+313: If eye irritation persists: Get medical advice/attention.  
P501: Dispose of contents/container to local/regional/national/international regulations.

**2.3 Other Hazards**

PBT This product is not identified as a PBT/vPvB substance.

**3. Composition/information on ingredients****3.2 Mixture**

SODIUM SILICATE - REACH registered number(s): 01-2119448725-31-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
215-687-4	1344-09-8	-	Skin Irrit. 2: H315; Eye Dam. 1: H318; STOT SE 3: H335	40-60%

Contains: Mixture of listed substances with non hazardous additions.

**4. First Aid measures****4.1 Description of first aid measures**

General Advice: Take off all contaminated clothing immediately.

If inhaled: Remove casualty from exposure ensuring one's own safety whilst doing so.

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

In case of eye contact: Check for and remove any contact lenses. Open eyes wide apart. Rinse opened eye with plenty of water for at least 15 minutes. Get medical attention.

If swallowed: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor

**4.2 Most important symptoms and effects, both acute and delayed**

If inhaled: There may be irritation of the throat with a feeling of tightness in the chest

In case of skin contact: There may be irritation and redness at the site of contact

In case of eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage

If swallowed: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Immediate / special treatment: Eye bathing equipment should be available on the premises

**5. Fire fighting measures****5.1 Extinguishing media:**

Extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**5.2 Special hazards arising from the substance or mixture**

Exposure hazards: In combustion emits toxic fumes

**5.3 Advice for fire-fighters**

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes

Further Information: Collect contaminated fire extinguishing water separately.

**6. Accidental release Measures****6.1 Personal precautions, protective equipment and emergency procedures**

Personal Precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid

**6.2 Environmental precautions**

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

**6.3 Methods and materials for containment and cleaning up**

Clean-up procedures: 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 8 for information on personal protection equipment.

**7. Handling and storage****7.1 Precautions for safe handling**

Hygiene measures: 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.

**7.3 Specific end uses**

No data available

**8. Exposure control/personal protection****8.1 Control parameters**

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	-	2 mg/m <sup>3</sup>	-	-

DNEL/PNEC Values

**Hazardous ingredients:** SODIUM SILICATE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	5.61 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Dermal	1.59 mg/kg/day	Workers	Systemic
DNEL	Oral	0.80 mg/m <sup>3</sup>	Consumers	Systemic
DNEL	Inhalation	1.38 mg/m <sup>3</sup>	Consumers	Systemic
DNEL	Dermal	0.80 mg/kg/day	Consumers	Systemic
PNEC	Fresh water	7.5 mg/l	-	-
PNEC	Marine water	1 mg/l	-	-
PNEC	-	-	-	-

**8.2 Exposure controls**

**Engineering measures** Ensure adequate ventilation of the working area.

**Personal protective equipment**

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

Hand protection: Protective gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Trade Name: Leak Seeker

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Form: Liquid  
Colour: Colourless  
Odour: Odourless

Solubility in water: Soluble  
Relative density: 1.5

9.2 Other Information No data available.

## 10. Stability and reactivity

### 10.1 Reactivity

Reactivity Stable under recommended transport or storage conditions.

### 10.2 Chemical stability

Chemical stability Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

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

Conditions to avoid Heat

### 10.5 Incompatible materials

Materials to avoid Strong acids. Strong bases. Strong oxidising agents.

### 10.6 Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes

## 11. Toxicological Information

### 11.1 Information on toxicological effects

Toxicity values:

Hazardous ingredients:

SODIUM SILICATE				
ORAL	RAT	LD50	1300 - 2200	mg/kg

Relevant hazards for product:

Hazard	Route	Route	Basis
Skin corrosion/irritation		DRM	Hazardous: calculated
Serious eye damage/irritation		OPT	Hazardous: calculated
STOT-single exposure		INH	Hazardous: calculated

Excluded hazards for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	-	No hazard: calculated
Acute toxicity (ac. tox. 3)	-	No hazard: calculated
Acute toxicity (ac. tox. 2)	-	No hazard: calculated
Acute toxicity (ac. tox. 1)	-	No hazard: calculated
Respiratory/skin sensitisation	-	No hazard: calculated
Germ cell mutagenicity	-	No hazard: calculated
Carcinogenicity	-	No hazard: calculated
Reproductive toxicity	-	No hazard: calculated
STOT-repeated exposure	-	No hazard: calculated
Aspiration hazard	-	No hazard: calculated

**11. Toxicological Information****11.1 Symptoms / routes of exposure**

Skin contact	There may be irritation and redness at the site of contact
Eye contact	There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage
Ingestion	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest.
Delayed / immediate effects: Immediate effects can be expected after short-term exposure.	

**12. Ecological Information****12.1 Toxicity****Ecotoxicity values:**

Species	Test	Value	Units
DAPHNIA	48H EC50	>100	mg/l

**12.2 Persistence and degradability**

Persistence and degradability No data available

**12.3 Bioaccumulative potential**

Bioaccumulative potential No bioaccumulation potential.

**12.4 Mobility in soil**

Mobility in soil Readily absorbed into soil.

**12.5 Results of PBT and PvB :**

PBT and PvB : This product is not identified as a PBT substance

**12.6 Other adverse effects**

Other adverse effects No data available

**13. Disposal Considerations****13.1 Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**14. Transport Information**

Not classified as dangerous in the meaning of transport regulation

**15. Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for this substance or mixture.****Information about limitation of use**

This Safety Data Sheet is provided in compliance with REACH Regulation (EC) No 1907/2006

**15.2 Chemical Safety Assessment**

A chemical safety assessment has not been carried out for the mixture by the supplier

**16. Other information**

Full text of H-statements referred to under sections 2 and 3

- H315 Causes skin irritation
- H318 Causes serious eye Damage
- H335 May cause respiratory irritation

Restricted to professional users. Attention - Avoid exposure- obtain special instructions before use

This information is believed to be accurate and represents the best information currently available to us. However, we make no warranty or merchantability, or fitness for any particular use, or any other warranty, express or implied, with respect to this information, and we assume no liability resulting from use of this information Users should make their own investigations to determine the suitability of the information for their particular needs and uses.

█ Indicates updated section.