

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: Sealing Agent for Swimming Pools and Spas

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**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.

Most important adverse effects

Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.

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	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.

2.3 Other Hazards

PBT

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

Trade Name: Leak Seeker

3. Composition/information on ingredients

3.1 Mixture

Chemical Name	Index No	CAS-No.	EC-No.	Amount %	Hazard Statements
SODIUM SILICATE SOLUTION		1344-09-8	215-687-4	30-50%	H305 / H318 / H335
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.

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

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: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination

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

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.

Trade Name: Leak Seeker

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:

State	Respirable dust			
	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	-	2 mg/m ³	-	-

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.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form: Liquid
Colour: Colourless
Odour: Odourless

Relative density: 1.5
pH >8

9.2 Other Information No data available.

Trade Name: Leak Seeker

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 oxidising agents. Strong acids

10.6 Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes

11. Toxicological Information

11.1 Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	>2000	mg/kg

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

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.

Trade Name: Leak Seeker

12. Ecological Information

12.1 Toxicity

Ecotoxicity values:

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

Toxicity

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 should be in accordance with local, state or national legislation
- Do not reuse empty containers without commercial cleaning or reconditioning
- Do not discharge into drains or the environment, dispose to an authorised waste collection point

Classification

Waste Codes in accordance with the European Waste catalogue (EWC) are origin-defined. Since this product is used in several industries, no Waste Code can be provided by the supplier. The Waste Code should be determined in arrangement with your waste disposal partner or the responsible authority

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

Trade Name: **Leak Seeker**

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.

Rev 3

Indicates updated section.