



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

1.1 Product Identifier Chemical Swimfresh Gel Cubes

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

Uses: Flocculant

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

Fax: +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

The product is not classified according to the CLP regulations

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Not applicable

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product does not have to be labelled due to the calculation procedure of the 'General Classification

2.3 Other Hazards

No other information is available.

3. Composition/information on ingredients

3.1 Substances

Chemical nature: Non-ionic poly-amine/poly-acrylamide blend

Chemical Name

Identification Numbers Amount %

Poly (diallyldimethylammonium chloride)

CAS-No. EC-No.

26062-79-3 201-173-7

Polyacrylamide

08/05/9003

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

General Advice:	This product poses minimal health hazards
If inhaled:	Unlikely route of exposure; move patient to fresh air
In case of skin contact:	Generally product does not irritate skin. Wash with plenty of water.
In case of eye contact:	May cause irritation, tearing and blurred vision; flush with water for 15 minutes, consult a physician.
If swallowed:	May cause irritation to mucous membranes, oesophagus and deep tissue; drink plenty of water and consult a physician.

4.2 Most important symptoms and effects, both acute and delayed No further information available.

4.3 Indication of immediate medical attention and special treatment needed Treat Symptomatically

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

Suitable 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

Specific Hazards during fire None. Product is not flammable and not explosive. Product and containers may undergo thermal decomposition and emit noxious gases.

5.3 Advice for fire-fighters

Special protective equipment for fire-fighters: In the event of fire, wear self-contained breathing apparatus. Wear appropriate body protection (full protective suit).

Further Information: No further information available

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

Personal Precautions: Use personal protective equipment. Provide adequate ventilation.

6.2 Environmental precautions

Environmental precautions: Do not allow to enter sewers surface or ground water.

6.3 Methods and materials for containment and cleaning up

Methods and materials for containment and cleaning up. Pick up manually. Spillages may make very surfaces slippery. Flush with large amounts of water.

Further information Treat recovered material as described in the section "Disposal considerations"

6.4 Reference to other sections For personal protection see section 8

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

Advice on safe handling: No special requirements, general ventilation is sufficient

Hygiene measures: Keep away from food, drink and animal feeding stuffs. Smoking, eating and drinking should be prohibited in the application area.

7.2 Conditions for safe storage, including any incompatibilities.

Requirements for storage areas : Store in original container

Advice on protection against fire and No special measures required

Further information on storage conditions: Keep this product in original, closed container when not in use. Store in a cool, dry, well-ventilated area.

Advice on common storage: Keep away from food, drink and animal feeding stuffs.

7.3 Specific end uses

No information is available.

8. Exposure control/personal protection

8.1 Control parameters Contains no substances with occupational exposure limit values

8.2 Exposure controls**Engineering measures**

Refer to protective measures listed in sections 7 and 8.

General Information:

Use in a well ventilated area

Personal protective equipment

Respiratory protection

Not required

Hand protection

Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.

Eye protection

Wear safety glasses approved to standard EN 166.

Skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact

Environmental exposure controls

General advice: Dispose of in accordance with all applicable local and national regulations,

9. Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Form: Gel Block
Colour: Blue or Pink
Odour: None

pH @ 20°C: Not known

Boiling point/boiling range: >100°C

Vapour pressure: Not known

Relative vapour density: 3.4

Density @ 20°C: 1 - 1.05

Water solubility: completely miscible.

Explosive properties: Product is not explosive.

9.2 Other Information

No further information available

10. Stability and reactivity

- 10.1 Reactivity** No information available.
- 10.2 Chemical stability** No decomposition if stored and applied as directed.
- 10.3 Possibility of hazardous reactions**
 Hazardous reactions: Thermal decomposition during a fire may release carbon monoxide, carbon dioxide, nitrogen dioxide, hydrogen chloride and other noxious
- 10.4 Conditions to avoid** Heating above 48.9°C
- 10.5 Incompatible materials** Alkalis or oxidation/reduction agents
- 10.6 Hazardous decomposition products** Stable under recommended storage conditions.

11. Toxicological Information**11.1 Information on toxicological effects**

Poly (diallyldimethylammonium chloride)				
Route	Species	Test	Value	Units
Oral	Rat	LD50	>5000	mg/kg

Primary Irritant effect:

On the skin: No irritant effect

On the eyes: May cause irritation, tearing and blurred vision to the eyes

- Sensitization:** No information available
- Carcinogenic** No information available
- Mutagenic** No information available

Further information No further information available**12. Ecological Information**

- 12.1 Toxicity** Minimum hazard if well diluted with water
- 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 PBT and PvB assessment** No data available
- 12.6 Other adverse effects** Avoid direct release to the environment

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

14.1 UN Number	Not applicable
14.2 UN proper shipping name	Not applicable
14.3 Transport hazard class(es)	Not applicable
14.4 Packaging Group	Not applicable
14.5 Environmental hazards	Clean up even minor leaks or spills if possible without unnecessary risk
14.6 Special precautions for user	Not applicable
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable

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

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

15.2 Chemical Safety Assessment

No information available

16. Other information

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.

• Abbreviations and acronyms:

GHS:	Globally Harmonized System of Classification and Labelling of Chemicals
EINECS	European Inventory of Existing Commercial Chemical Substances.
CAS:	Chemicals Abstracts Service (division of the American Chemical Society)
LC50:	Lethal concentration, 50 percent
LD50:	Lethal dose, 50 percent

Revision	Date	By	Amendment
1	03/01/08	Linda Brueford	Created
2	02/12/08	Linda Brueford	Sections 2 & 3 swapped over
3	08/06/11	Linda Brueford	GHS label elements added and other minor editorial amendments
4	10/02/14	Linda Brueford	Minor editorial amendments