

## SAFETY DATA SHEET

Complete Pool Controls

**1. Identification of the substance/preparation and of the company/undertaking****1.1 Product Identifier** Spa Mighty Pods - Weekly Hot Tub Care**1.2 Relevant Identified uses of the substance or mixture and uses advised against**

Uses: Flocculates contaminants in water.

**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](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**

The product is not classified according to the CLP regulations

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

This product does not need to be labelled in accordance with EC Regulations and Directives

Precautionary statements: P101 If medical advice is needed, have product container or label at hand  
 P102 Keep out of reach of children  
 P103 Read label before use  
 P261 Avoid breathing mist  
 P280 Wear protective gloves and eye/face protection  
 P301+330+331 IF SWALLOWED: rinse mouth. DO NOT induce vomiting.  
 P305+351+338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing  
 P302+352: IF ON SKIN (or hair): Immediately take off all contaminated clothing. Rinse skin with water/shower.

**2.3 Other Hazards** No further information**3. Composition/information on ingredients****3.1 Mixture**

The product is not classified according to the CLP regulations

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

Skin contact: Wash with soap and water. Get medical attention if irritation develops or persists.

Eye contact: Remove contact lenses (when applicable) and flush eyes with water for 15 minutes. Get medical attention if irritation persists.

[Cont....]

#### 4. First Aid measures

##### 4.1 Description of first aid measures

Ingestion: Never give anything by mouth to an unconscious person. If swallowed, do not induce vomiting. Give large quantities of water. If available give several glasses of milk. Call a physician or poison control center immediately

Inhalation: If exposed to excessive levels of dust, remove to fresh air and get medical attention if cough or other symptoms develop.

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

Skin contact: Possible skin irritation or rash.

Eye contact: May cause mechanical irritation. Will tend to form film on the surface of the eye causing blurred vision.

Ingestion: While it is not likely to be hazardous by ingestion, it may start dissolving and form a film on mucous membranes.

Inhalation: May aggravate pre-existing respiratory conditions or allergies. It may accumulate on linings of the nose and lungs resulting in dryness & coughing.

##### 4.3 Indication of immediate medical attention and special treatment needed

Treatment Eye bathing equipment should be available

#### 5. Fire fighting measures

##### 5.1 Extinguishing media:

Suitable media: Water spray, CO2 (carbon dioxide), foam or dry chemical

Unsuitable media: No information available.

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

Specific Hazards: Product may ignite at temperatures in excess of 400°F. Depending on moisture content and particle size, airborne dust of Chitosan lactate might explode in the presence of an ignition source. It is comparable to flour and wood dust.

##### 5.3 Advice for fire-fighters

Protective equipment : Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coat, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Water may be used to keep fire-exposed containers cool until fire is out.

Further Information: No information available.

#### 6. Accidental release Measures

##### 6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions: If outside keep bystanders upwind and away from the danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing.

##### 6.2 Environmental precautions

Environmental precautions: AVOID WATER; water will dissolve chitosan lactate forming a thick viscous solution or gelatinous mass.

[Cont...]

## 6. Accidental release Measures

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

Cleaning up                      The material may be vacuumed or collected for recovery or disposal.

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:      Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

Hygiene measures:              Keep away from food, drink and animal feeding stuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday.

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

Containers:                      To avoid product degradation and equipment corrosion, do not use iron, copper or aluminium containers or equipment

Storage Areas:                  Store in cool, dry areas

Fire and explosion:              Keep away from oxidizing agents and avoid open flames.

Incompatible materials:        Strong Oxidising agents

Further information:            Incompatible substances

Common storage:                No information known.

### 7.3 Specific end uses

Specific use(s)                      Flocculates contaminants in water.

## 8. Exposure control/personal protection

### 8.1 Control parameters

Contains no substances with occupational exposure limit values

### 8.2 Exposure controls

**Engineering measures**      General ventilation should be sufficient under normal conditions

#### Personal protective equipment

Respiratory protection        If dust is generated, a dust mask may be needed.

Hand protection                Wear impervious rubber or neoprene gloves

Eye protection                 Safety goggles recommended.

Skin and body protection      Wear impervious rubber or neoprene apron.

#### Environmental exposure controls

General advice:                 Always follow good hygiene/work practices by avoiding vapors or mists and contact with eyes and skin. Thoroughly wash hands after handling and before eating or drinking. Always wear the appropriate PPE when repairing or performing maintenance on contaminated equipment.

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

Form:	Powder
Colour:	Off White
Odour:	Not available
pH	Not available
Melting point	Not available
Boiling point/boiling range:	Not available
Flash point:	Not available
Flammability (solid, gas)	Not available
Vapour pressure:	Not available
Density @ 20°C:	0.22 g/ml
Water solubility:	Not complete
Explosive properties:	Not available
Oxidising properties:	Not available

**9.2 Other Information**

NOTE: These physical data are typical values based on material tested but may vary from sample to sample. Values should not be construed as a guaranteed analysis of any specific lot or as specifications

**10. Stability and reactivity****10.1 Reactivity**

Reactivity Stable under recommended transport or storage conditions

**10.2 Chemical stability**

Chemical stability No decomposition if stored and applied as directed.

**10.3 Possibility of hazardous reactions**

Hazardous reactions: Not available

**10.4 Conditions to avoid**

Conditions to avoid None known

**10.5 Incompatible materials**

Materials to avoid Strong oxidizing agents.

**10.6 Hazardous decomposition products**

Haz.decomp. products: May form carbon oxides, nitrogen oxides (NOx), zirconium oxides under fire conditions

**11. Toxilogical Information****11.1 Information on toxilogical effects****Toxicity Values**

Route	Species	Test	Value	Units
Oral	Mouse	LD50	>10	mg/kg

**Primary Irritant effect:**

On the skin: No data available

On the eyes: No data available

**Sensitization:** No data available

**Carcinogenic** No data available

**Mutagenic** No data available

**12. Ecological Information****12.1 Eotoxicity (in water)****Acute Toxicity**

Species	Test	Value	Units
Daphnia	LC50	135	mg / l
Daphnia	LC25	Not calculable	
Fathead Minnows	LC50	22.8	mg / l
Fathead Minnows	LC25	16.9	mg / l
Rainbow Trout	LC50	6.4	mg / l
Rainbow Trout	LC25	4.4	mg / l

**Chronic Toxicity**

Species	Test	Value	Units
Daphnia	LC50	135	mg / l
Daphnia	LC25	Not calculable	
Fathead Minnows	LC50	22.8	mg / l
Fathead Minnows	LC25	16.9	mg / l
Rainbow Trout	LC50	6.4	mg / l
Rainbow Trout	LC25	4.4	mg / l

**12.2 Persistence and degradability**

Persistence and degradability No data available

**12.3 Bioaccumulative potential**

Bioaccumulative potential No data available

**12.4 Mobility in soil**

Mobility in soil No data available

**12.5 Results of PBT and PvB assessment**

PBT and PvB No data available

**12.6 Other adverse effects**

Other adverse effects No relevant information 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 hazardous for transportation.

## 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) No1907/2006

### 15.2 Chemical Safety Assessment

No data available

## 16. Other information

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

Other relevant phrases

### Further information

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

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Rev 2

Indicates updated section