

SAFETY DATA SHEET

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

1.1 Product Identifier Solar Shield

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

Uses: Liquid Pool Cover

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

Hazard Class	Hazard Category	Target Organs	Hazard Statements
Not applicable			

Most important adverse effects

Human Health:

See section 11 for toxicological information.

Physical & Chemical Hazards:

See section 9 for toxicological information.

Potential environmental effects:

See section 12 for toxicological information.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms: GHS07: Warning

Hazard symbols:



Signal word: Warning

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

This substance is not identified as a PBT substance.

Trade Name: SOLAR SHIELD

3. Composition/information on ingredients

3.1 Mixture

Mixture of the chemicals listed below with non-hazardous additives.

Chemical Name	CAS-No.	EC No	Amount	HPhrases
Propyl Paraben	94-13-3	202-307-7	0.5%	H315; H319; H335
Polyoxyethylene (20) Cetyl ether	9004-95-9	500-018-3	0.2%	H315

4. First Aid measures

4.1 Description of first aid measures

General Advice: Immediately remove any clothing soiled by the product. Show this safety data sheet to the doctor in attendance.

If inhaled: If large amounts of fumes are inhaled, remove to fresh air and consult a physician.

In case of skin contact: Cleansing the skin after exposure is advisable

In case of eye contact: Check for and remove any contact lenses. Rinse opened eye for at least 15 minutes under running water. Keep eye wide open while rinsing. Urgently seek medical attention.

If swallowed: Consult a physician if necessary.

4.2 Most important symptoms and effects, both acute and delayed

Remark No further information available.

4.3 Indication of immediate medical attention and special treatment needed

Treatment Treat Symptomatically.

5. Fire fighting measures

5.1 Extinguishing media:

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

5.2 Special hazards arising from the substance or mixture

Specific Hazards: Releases carbon monoxide when burned.

5.3 Advice for fire-fighters

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

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: None known

6.3 Methods and materials for containment and cleaning up

Cleaning up Spilled material should be absorbed onto an inert material and scooped up. Flush spill areas thoroughly with water and scrub to remove residue. If slipperiness remains apply more inert material.

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 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

Fire and explosion: No unique fire hazards known

Further information : Store in cool dry conditions in well sealed receptacles,

Common storage: No information available

7.3 Specific end uses

No information 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.

Personal protective equipment

Respiratory protection No respiratory protection is needed if ventilation/extraction is adequate, otherwise wear approved dust mask

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. Ensure eye wash is to hand

Skin and body protection Wear apron or other light protective clothing

General advice: Good personal hygiene practises always advisable when working with chemicals.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form: Liquid
Colour: Orange
Odour: Mild fatty-waxy

pH 6 - 8
Flash point: >93°C (>200°F)
Density @ 20°C: 0.98 – 1.02
Water solubility: Not complete

9.2 Other Information

No further information available

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: No hazardous reactions known

10.4 Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time.

10.5 Incompatible materials

Materials to avoid Aluminum, copper, iron, strong oxidizers, and acids

10.6 Hazardous decomposition products

Haz. Decomp. products: Carbon monoxide, carbon dioxide.

Other Information : Hazardous Polymerization will not occur.

11. Toxicological Information

11.1 Information on toxicological effects

Toxicity Values No information available

Primary Irritant effect:

On the skin: No information available
On the eyes: May be mildly irritating to eyes.

Sensitization: No information available

Carcinogenic No information available
Mutagenic No information available

12. Ecological Information

12.1 Toxicity

Toxicity No data available

12.2 Persistence and degradability

Persistence and degradability Biodegradable

12.3 Bioaccumulative potential

Bioaccumulative potential Bioaccumulation is not expected

12.4 Mobility in soil

Mobility in soil Expected to be mobile in soil

12.5 Results of PBT and PvB assessment

PBT and PvB This substance is not identified as a PBT substance.

12.6 Other adverse effects Negligible ecotoxicity

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) No 1907/2006

15.2 Chemical Safety Assessment

A chemical Safety Assessment has not been carried out.

16. Other information

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

- H315 Causes skin irritation
- H319 Causes serious eye irritation
- H335 May cause respiratory irritation

Other relevant phrases

- P405 Store locked up
- P305+351+338: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
- P262 Do not get in eyes, on skin, or on clothing

Further 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.

Rev 1

Indicates updated section