Sentinel Performance Solutions Ltd

SAFETY DATA SHEET
Sentinel R700

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name: Sentinel R700

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: A liquid biocide.

1.3. Details of the supplier of the safety data sheet

Company Name: Sentinel Performance Solutions Ltd
7650 Daresbury Park, Daresbury
Warrington, Cheshire, WA4 4BS
Tel: +44 (0)1928 704 330 Fax: +44 (0)1928 562 070
E-mail: info.uk@sentinelprotects.com

1.4. Emergency telephone number

+44 (0)1928 704 339 (24 hours, 7 days)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: EyeIrrit.2: H319; SkinSens.1: H317

Most important adverse effects: May cause sensitisation by skin contact.

2.2. Label elements

Label Elements under CLP:

Hazard statements: H317: May cause an allergic skin reaction. H319: Causes serious eye irritation.

Signal word: Warning

Hazard pictograms:



Precautionary statements: P261: Avoid breathing dust/fumes/gas/mist/vapours/spray. P264: Wash skin thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection. P302+352: IF ON SKIN: Wash with plenty of water/shower
P305+351+338: IF IN EYES: Rinse cautiously with water fo

2.3. Other hazards

PBT: This substance is not identified as a PBT substance

Section 3: Composition/information on ingredients

3.2. Hazardous ingredients

Ingredients	EINECS	CAS	Reach Reg No.	CLP Class	Percent
TETRAKIS (HYDROXYMETHYL) PHOSPHONIUM SULPHATE	259-709-0	55566-30-8		AcuteTox.3: H301;EyeDam.1: H318;AquaticAcute1: H400;SkinSens.1: H317	1-10%

Contains :

Section 4: First aid measures

4.1. Description of first aid measures

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

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. 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 material 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

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and Storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. 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.

Suitable packaging: Polyethylene. Unsuitable packaging: metals and alloys.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control Parameters

8.1. DNEL/PNEC Values

DNEL / PNEC: No data available

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

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

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Solubility in water: Miscible in all proportions

Colour: Colourless

Relative density: 1.01

pH: 2-5

Odour: Characteristic odour

Viscosity Test Method:

Boiling Point / Range:

Melting Point / Range:

Vapour Press:

9.2. Other information

Other information: No data available.

Section 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

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

Hazardous decomposition products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Effects of mixture

Calculated

11.2. Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: Not applicable

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility in solid: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

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

Disposal of packaging: Return empty containers to the supplier for recycling. Damaged containers should be destroyed by cutting up or by incineration.
Do not use for potable water.

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

Section 14: Transport information

14.1. UN Number

UN number: -

14.2. UN Proper shipping name

Shipping name: NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF TRANSPORT REGULATIONS.

14.3. Transport hazard class(es)

Transport class:

14.4. Packing Group

Packing group:

14.6. Special precautions for user

Tunnel Code:

Transport category:

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other infortmation

Chemical safety assessment: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 830/2015

Phrases used in s.2 and 3: H301: Toxic if swallowed.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H400: Very toxic to aquatic life.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.