

SAFETY DATA SHEET

CHAMPION SPA NO SCALE

MZZZ663

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

Product name : CHAMPION SPA NO SCALE **Supplier** : Brenntag UK and Ireland
 Albion House
 Rawdon Park
 Green Lane
 Yeadon
 Leeds
 LS19 7XX

EMERGENCY ONLY TELEPHONE NUMBER : (N.C.E.C. CULHAM) 01865 407333 **Telephone No.** : (0113) 3879200

Fax No. : (0113) 3879280

2. Composition/information on ingredients

Substance/Preparation : Substance

Chemical name*	CAS No.	%	EC Number	Symbol	R-Phrases
1) CHAMPION SPA NO SCALE		100		-	-

* Occupational Exposure Limit(s), if available, are listed in Section 8

Composition : sodium salt of phosphonic acid antiscalant

3. Hazards identification

4. First-aid measures

First-Aid measures

- Inhalation** : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention.
- Ingestion** : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.
- Skin contact** : Wash with soap and water. Get medical attention if irritation develops.
- Eye Contact** : In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Obtain medical attention.

5. Fire-fighting measures

Extinguishing Media

- Suitable** : SMALL FIRE: Use DRY chemical powder.
 LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
- Hazardous thermal (de)composition products** : carbon oxides (CO, CO₂) nitrogen oxides (NO, NO₂...) phosphines

- Special fire-fighting procedures** : Fire fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.
- Protection of fire-fighters** : Be sure to use an approved/certified respirator or equivalent.

6. Accidental release measures

- Personal Precautions** : Splash goggles. Protective overalls/suit. Boots. Gloves. Select appropriate protective clothing for the size of the spillage.
- Environmental precautions and cleanup methods** : Absorb with an inert material and put the spilled material in an appropriate waste disposal. **Do not attempt to neutralise the spillage with acids unless you are sure it is safe to do so.** Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. If possible, turn leaking container so that gas escapes rather than liquid. Do not allow any potentially contaminated water including rain water, runoff from fire fighting or spills to enter any waterway, sewer or drain.

7. Handling and storage

- Handling** : Keep away from heat. Keep away from sources of ignition. Empty containers may still contain significant residual amounts of the product. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapour/spray. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area.
- Packaging materials**
- Recommended use** : Use original container.

8. Exposure controls/personal protection

- Engineering measures** : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value. Ensure that eyewash stations and safety showers are close to the workstation location.
- Hygiene measures** : Wash hands after handling compounds and before eating, smoking, using lavatory, and at the end of day.
- Workplace Exposure Limits** : Not available.
- Personal protective equipment**
- Skin and body** : Overalls or Lab coat.
- Hands** : Gloves.
- Eyes** : Splash goggles.

9. Physical and chemical properties

- Physical state** : Liquid.
- Colour** : Clear to light yellow.
- Odour** : Slight.
- Melting point** : -16°C (3.2°F)
- Density** : Not available.
- Solubility** : Soluble in cold water.
- pH** : 10 to 11 [Basic.]
- Flash point** : Not available.
- Viscosity** : viscous

10. Stability and reactivity

- Stability** : The product is stable.
- Materials to avoid** : Reactive with oxidizing agents.
- Hazardous decomposition products** : carbon oxides (CO, CO₂) nitrogen oxides (NO, NO₂...) phosphines

11. Toxicological information

- Local effects**
- Acute toxicity** : Acute oral toxicity (LD₅₀): >17800 mg/kg [Rat].
Acute dermal toxicity (LD₅₀): >15800 mg/kg [Rat].

12. Ecological information

- Persistence/degradability** : **Biodegradability:**
Readily biodegradable.
- Ecotoxicity** : Ecotoxicity in water:
(LC₅₀): >330 mg/l, 96 hours [Fish].
(EC₅₀): 297 mg/l, 48 hours [Daphnia].

13. Disposal considerations

- Methods of disposal ; Waste of residues ; Contaminated packaging** : Waste must be disposed of in accordance with federal, state and local environmental control regulations.
- Waste Classification** : Not applicable.

14. Transport informationInternational transport regulations

UN : UN number Not regulated.
UN : Proper shipping name -
ADR/RID : Class -
IMDG : Proper shipping name -

IATA : Proper shipping name -
IATA : Additional Information -

15. Regulatory informationEU Regulations

Risk Phrases : This product is not classified according to the EU regulations.
Safety Phrases : S2- Keep out of the reach of children.
S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39- Wear suitable protective clothing, gloves and eye/face protection.

Product Use : Classification and labelling have been performed according to EU directives 67/548/EEC, 88/379/EEC, including amendments and the intended use.
- Consumer applications.

16. Other informationHISTORY

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Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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