

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

1.1. Product identifier

Product name: EC BROTH

Product code: E-10004

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

Use of substance / mixture: Laboratory chemicals, Manufacture of substances

1.3. Details of the supplier of the safety data sheet

Company name: Park Scientific Limited

24 Low Farm Place

Moulton Park

Northampton

Northamptonshire

NN3 6HY

UK

Tel: 01604 646945

Fax: 01604 648241

Email: info@parkscientific.com

1.4. Emergency telephone number

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements: This product has no label elements.

2.3. Other hazards

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

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: EC BROTH

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

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

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Ingestion: Never give anything by mouth to an unconscious person. Wash out mouth with water.

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration.

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

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Consult a doctor immediately

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Water spray. Carbon dioxide. Dry chemical powder. Alcohol resistant foam.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Carbon oxides, Nitrogen oxides, Phosphorous oxides.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Avoid breathing vapours, mist or gas. Avoid dust formation.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Sweep up with a shovel. Keep in a suitable, closed container for disposal. Arrange disposal without creating dust.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is exhaust ventilation of the area.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: Not applicable.

8.2. Exposure controls

Engineering measures: General industrial hygiene practice

[cont...]

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Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Environmental: No special requirement.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Solid

Colour: Beige

pH: 6.9

9.2. Other information

Other information: Not applicable.

Section 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents.

10.6. Hazardous decomposition products

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

| Route | Species | Test | Value | Units |
|--------|---------|------|-------|-------|
| DERMAL | RBT | LD50 | >2000 | mg/kg |
| ORAL | RAT | LD50 | >2000 | mg/kg |

Symptoms / routes of exposure

Section 12: Ecological information

12.1. Toxicity

[cont...]

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Ecotoxicity values:

| Species | Test | Value | Units |
|---------|----------|-------|-------|
| FISH | 96H LC50 | 0.8 | mg/L |

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in 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

Section 13: Disposal considerations

13.1. Waste treatment methods

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

Section 14: Transport information

Transport class: This product does not require a classification for transport.

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 information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

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.