

Trade name: Caramel (E150) / Pharmaton

Date revised: 22.05.08

Dangerous substance number:

Version: 1 / CH

Date of printing: 22.05.08

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

Trade name

Caramel (E150) / Pharmaton

Item-No. 21742000

Company/undertaking identification

Address

Hänseler AG

Industriestrasse 35

9101 Herisau

Telephone no. 0041 (0)71 353 58 58

Emergency telephone 0041 (0)44 251 51 51

02. Hazards identification

Specific hazards to man and the environment

No special hazards have to be mentioned.

03. Composition / information on ingredients

CAS-Nr. 8028-89-5

EINECS-Nr. 2324359

04. First aid measures

After inhalation

In the event of symptoms take medical treatment.

After skin contact

In case of contact with skin wash off immediately with plenty of water.

After eye contact

Remove contact lenses. Separate eyelids, wash the eyes thoroughly with water (15 min.).. By continuous complaints consult a physician.

After ingestion

In the event of symptoms take medical treatment.

05. Fire-fighting measures

Suitable extinguishing media

Water

Special protective equipment for fire-fighting

Use personal protective clothing.

06. Accidental release measures

Personal precautions

Not required.

Methods for cleaning up

Pick up with absorbent material (eg sand, sawdust). Rinse away rest with water.

07. Handling and storage

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Handling

Advice on safe handling

No special requirements.

Storage

Requirements for storage rooms and vessels

Keep tightly closed in a dry and cool place.. Use noble metal containers.. Use containers made of Polyethylene.. Use containers made of Polyethylene.

Further information on storage conditions

Protect from direct sunlight.

Recommended storage temperature

Value < 25 °C

08. Expose controls/personal protection

Occupational exposure controls

Respiratory protection

Not necessary.

Hand protection

Not necessary.

Skin protection

Not required.

09. Physical and chemical properties

General information

Form	liquid
Colour	brown-black
Odour	mild

Important health, safety and environmental information

Density

Value 1.01 to 1.43

Solubility in water

Remarks completely soluble

pH

Value 1.4 to 6.0

10. Stability and reactivity

Conditions to avoid

No decomposition if stored and applied as directed.

Materials to avoid

None

Hazardous decomposition products

None known

11. Toxicological information

Acute toxicity / further data

Acute oral toxicity



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Remarks None

Effects after repeated or prolonged exposition (subacute, subchronic, cronic)**Subacute, subchronic, chronic toxicity**

Remarks None

12. Ecological information**Biodegradability**

Remarks The product is biodegradable.

Chemical oxygen demand (COD)Value 0.8 g O₂/g**Biochemical oxygen demand (BOD₅)**Value 0.7 g O₂/g**Behaviour in sewers [waste treatment plants]**

Product can cause severe chemical oxygen depletion in biological sewage treatment plants or surface waters, which can have an adverse effect on living organisms.

13. Disposal considerations**Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Dispose of as unused product.

14. Transport information**Land transport ADR/RID**

non-dangerous goods

15. Regulatory information**Labelling in accordance with EC directives**

The product does not require a hazard warning label in accordance with EC directives/the relevant national laws.

16. Other information

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.