

Trade name: Floralife® Cut Flower Food

Product no.: 10.149

Version: 1.0.0 / GB

Status: 16.06.2004

1.) Identification of the substance/preparation and company**Product details****Trade name****Floralife® Cut Flower Food****Use**

Cut Flower Food

Identification of the manufacturer / supplier**Address**Floralife Europe GmbH
Rosenstraße 77
D-47918 Tönisvorst

Telephone no. +49 (0)2151 93 4040

Fax no. +49 (0)2151 93 404-10

Emergency telephone number

++49-(0)6131-19240

2.) Composition / information on ingredients**Chemical characterization**

Mixture (preparation)

3.) Hazards identification**Particular information pertaining specific risk for human / environment**

The product does not require a hazard warning label in accordance with Directive 99/45/EC

4.) First aid measures**General information**

Never give anything by mouth to an unconscious person. Remove soiled or soaked clothing immediately. Seek medical advice immediately.

After inhalation

Remove to fresh air, keep patient warm and at rest. Irregular breathing/no breathing: artificial respiration. If unconscious place in recovery position and seek medical advice.

After skin contact

In case of contact with skin wash off immediately with copious amounts of water. Do NOT use solvents or thinners !; Consult a doctor if skin irritation persists.

After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

After ingestion

Do not induce vomiting. Summon a doctor immediately. Never give anything by mouth to an unconscious person. Keep at rest.

5.) Fire-fighting measures**Suitable extinguishing media**

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases

None known

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Special protective equipment for firefighting

When extinguishing fires, use breathing apparatus with an independent source of air.

Other information

DO NOT ALLOW RUN-OFF FROM FIRE FIGHTING TO ENTER DRAINS OR WATER COURSES

6.) Accidental release measures**Personal precautions**

Refer to protective measures listed in sections 7 and 8.

Environmental precautions

Do not allow to enter drains. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

Methods for cleaning up/taking up

Pick up mechanically. Rinse away rest with water.

7.) Handling and storage**Handling****Advice on safe handling**

Avoid contact with skin and eyes. Comply with the health and safety at work laws.

Advice on protection against fire and explosion

Avoid formation of dust.

Storage**Requirements for storage rooms and vessels**

Keep in original packaging, tightly closed.

Advice on storage assembly

None known

Further information on storage conditions

Keep container tightly closed and dry.

8.) Exposure controls / personal protection**Additional hints on technical system design.**

Staubbildung vermeiden

Exposure limit values

N O N E

Personal protective equipment**Respiratory protection**

In case of dust formation, use a fine dust face mask.

Hand protection

Chemical resistant gloves (EN 374)

Eye protection

Safety glasses/face shield

Skin protection

Clothing as usual in the chemical industry.

General protective and hygiene measures

Avoid contact with eyes and skin. After worktime and during work intervals the affected skin areas must be thoroughly cleaned.

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9.) Physical and chemical properties

General information

Form powder
Colour white

Important health, safety and environmental information

Changes in physical state

Type	Boiling point		
Value	not applicable		
Type	Melting point		
Value	appr.	145	

Flash point

Remarks not applicable

Ignition temperature

Value appr. 500

Vapour pressure

Remarks not applicable

Bulk density

Value appr. 630 mg/m³

Solubility in water

Value	appr.	470	g/l
Reference temperature	20	°C	

pH value

Remarks no data available

Octanol/water partition coefficient (log Pow)

Value - 3.29

Other information (chapter 9.)

The physical data is that of the main component/s.

10.) Stability and reactivity

Conditions to avoid

Stable under recommended storage and handling conditions(See section 7).

Materials to avoid

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

11.) Toxicological information

Experience in practice

The product can cause skin and eye irritation.

Other information (chapter 11.)

There are no data available on the preparation itself.

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12.) Ecological information**General information / ecology**

There are no data available on the preparation itself. For components which are dangerous for the environment see section 2.

The product should not be allowed to enter drains or water courses.

13.) Disposal considerations**Product**

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of in agreement with the regional waste disposal company.

14.) Transport information**Other information (chapter 14.)**

The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.

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

The product does not require a hazard warning label in accordance with EC Directive 99/45/EC.

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.