

Trade name: Floralife® Cut Flower Food Clear

Status: 06.12.2002

Product no.: 10.012

Version: 1.0.0 / GB

Date of printing: 06.12.2002

1.) Identification of the substance/preparation and company

Product details

Trade name

Floralife® Cut Flower Food Clear

Use

Cut Flower Food

Identification of the manufacturer / supplier

Address

Floralife Europe GmbH
Corneliusplatz 2
D-47918 Tönisvorst

Telephone no. +49 (0)2151 934040

Fax no. +49 (0)2151 9340410

Emergency telephone number

0049-(0)6131-19240

2.) Composition / information on ingredients

Hazardous ingredients

CITRIC ACID

EC no.	201-069-1	Index no.	-	CAS no.	77-92-9
Concentration	> 1	<	10	%-b.w.	
Classification	Xi; R36				
Hazard symbols	Xi	R phrases	36		

3.) Hazards identification

Particular information pertaining specific risk for human / environment

The product does not require a hazard warning label in accordance with Directive 1999/45/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 plenty 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.

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

None known

Special protective equipment for firefighting

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

Other information (chapter 5.)

Cool endangered containers with water in case of fire. 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 or watercourses.. 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. Provide good ventilation of working area (local exhaust ventilation if necessary). Comply with the health and safety at work laws.

Advice on protection against fire and explosion

Containers in danger should be cooled with water.

Storage**Requirements for storage rooms and vessels**

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Advice on storage assembly

None known

Further information on storage conditions

Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Keep container dry in a cool, well-ventilated place.

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

Provide good ventilation.

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

Eye protection

Safety glasses/face shield

Skin protection

Clothing as usual in the chemical industry.

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General protective and hygiene measures

Avoid contact with eyes and skin. Wash hands before breaks and after work.

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	Freezing point
Value	not applicable

Flash point

Remarks	not applicable
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Vapour pressure

Remarks	not applicable
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Density

Value	not determined
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Solubility in water

Remarks	Completely miscible
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pH value

Value	2	-	3
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Octanol/water partition coefficient (log Pow)

Remarks	not determined
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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.

12.) Ecological information

General information / ecology

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

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

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13.) Disposal considerations**Product**

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

Uncleaned 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**Relevant R-phrases (chapter 2):**

36 Irritating to eyes.

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.