



# miscea CitroenFresh

Dishwashing detergent

## Mild dish washing detergent with citrus scent.

- strong fat-dissolving
- with skin protection agents
- Fresh citrus scent
- pH balanced
- dries streak free
- biodegradable

## Field of application

A versatile detergent for brilliant shine and cleaning of glass and crockery.

## Application

Add miscea CITROENFRESH to running warm water. Soak dishes in solution then rinse thoroughly with clean water.

## Chemical-physical data

Solution optics:	clear, green
pH-Value:	ca. 7
Density (20°C):	1,037 +/- 0,010
Scent:	Citrus

## Packaging sizes

- 450 ml vacuum sealed pouch

## First Aid and Measures

Eye contact:	Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
Skin contact:	Flush skin with large amounts of water. If irritation develops and persists, get medical attention.
Inhalation:	Remove victim to fresh air. Get medical attention, if symptoms persist.
Ingestion:	Drink 8 ounces of clear water. Get medical attention.



**MATERIAL SAFETY DATA SHEET**

In accordance with Regulation (EG) 1907/2006 (REACH)

Print date: 04.02.2013

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Last revised on: 04.02.2013

Rinse immediately with plenty of water, also under the eyelids for at least 15 minutes.  
If eye irritation persists, consult a specialist.

➤ **After ingestion**

Do not induce vomiting. Rinse mouth. Drink plenty of water.  
Call a physician immediately.

Attention in case of vomiting – Danger of suffocation because of foaming ingredients!

**5 Measures against fire**

(see point 16: Other information)

➤ **Suitable extinguishable media**

Product does not burn; use extinguishing measures to surrounding areas.

➤ **For safety reasons unsuitable extinguishing agents**

Water with full jet.

➤ **Special exposure hazards arising from substance or preparation itself, combustion products, resulting in gas fire may produce:**

Carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>).

➤ **Special protective equipment**

Use self-contained breathing apparatus in case of fire.  
Protective clothing.

➤ **Additional information**

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**6 Accidental release measures**

(see point 16: Other information)

➤ **Personal precautions**

Ensure adequate ventilation  
Use personal protective clothing

➤ **Environmental precautions**

Not to be discharged into groundwater/drains/surface water.

➤ **Measures for cleaning/collecting**

With absorbent material (eg. Sand, silica gel, acid binder, universal binder). Let absorb and collect in suitable container for disposal.

**7 Handling and storage**

(see point 16: Other information)

➤ **Handling**➤ **Advice on safe handling**

Keep container tightly closed.  
Avoid contact with skin, eyes and clothing.

➤ **Information about fire and explosion protection**

No special protective measures against fire required

➤ **Storage**➤ **Requirements for storage rooms and vessels**

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Keep containers tightly closed in a dry, cool and well ventilated place.

- **Advice on common storage**  
Not required
- **Further information on storage conditions**  
Keep away from foodstuffs, beverages and feed.
- **Storage class VCI 12**

**8 Limiting exposure controls/personal protection**

(See point 16: Other information)

- **Exposure limits**
- **Limitation and monitoring of exposures**
- **Limitation and monitoring of exposure in the workplace**  
Ensure adequate ventilation, especially in confined areas.
- **Protective and hygienic measures**  
Wash hands before breaks and immediately after handling the product  
When using do not eat, drink or smoke  
Avoid contact with skin, eyes and clothing  
Remove all contaminated or soaked clothing immediately
- **Respiratory protection**  
Normally no personal respiratory protective equipment required
- **Hand protection**  
Also suitable are gloves made of the following materials:  
This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 under laboratory conditions. Depending on the application, different requirements may develop. Therefore, the recommendations of the protective glove suppliers are also taken into account. Polychloropren - CR (0,5 mm): breakthrough time > 8 h Nitril rubber/Nitril latex - NBR (0,35 mm): breakthrough time > 8 h Butyl rubber- Butyl (0,5 mm): breakthrough time > 8 h fluorine rubber - FKM (0,4 mm): breakthrough time > 8 h Polyvinylchloride - PVC (0,5 mm): breakthrough time > 8 h
- **Eye protection**  
If risk of splashing: safety glasses with side shields.
- **Body protection**  
Long sleeved clothing.

**9 Physical and chemical properties****Information on basic physical and chemical properties****General information****Appearance:**

<b>Physical state:</b>	liquid
<b>Color:</b>	green
<b>Obour:</b>	perfumed

**Important health and environmental protection and safety:**

<b>pH-Value</b>	approx. 7
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<b>State changes</b>	
Melting temperature	n.b.
Boiling point	425 °C
Flash point	n/a
<b>Flammability</b>	
Lower explosion limit	n/b
Upper explosion limit	
<b>Density (at 20 °C)</b>	approx. 1,03 g/cm <sup>3</sup>
Ignition	n./b
<b>Solubility in water at (20 °C)</b>	miscible
<b>Other information</b>	
Ignition	n/a

**10 Stability and reactivity**

(see point 16: Other information)

- **Conditions to be avoided**  
No known significant unavoidable conditions
- **Substances to avoid**  
No known significant unavoidable substances
- **Hazardous decomposition products**  
No dangerous decomposition products
- **Additional information**  
No decomposition if stored and applied.

**11 Toxicological information**

(see point 16: Other information)

- **Experience in practice**
- **Observations relevant to classification**  
With proper handling and in accordance with the general hygienic rules, do damages to health have become known.

**12 Ecological information**

(see point 16: Other information)

- **Persistence and degradability**  
The surfactants contained in this preparation complies with the biodegradability criteria as laid down in Regulation (EG) Nr. 648/2004 about detergents as listed. Data to support this assertion are the competent authorities of the member states and will only put them, at their direct request or at the request of a detergent manufacturer.
- **More information**  
Concentrate slightly hazardous for water

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**13 Disposal**➤ **Recommendation**

Recycling is preferred to disposal. Can be incinerated in accordance with local regulations.

➤ **Waste code**

070699	WASTES FROM ORGANIC CHEMICAL PROCESSES; Wastes from MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics waste a.N.G.
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➤ **Contaminated packaging and recommended cleaning**

Empty containers should be taken for local recycling, recovery or waste disposal suggested. Contaminated packaging should be emptied as far as they can then be after proper cleaning. Uncleaned packaging should be disposed of like the product.

➤ **Recommended cleaning agent**

Water

**14 Transport information**➤ **Additional transport information**

Not classified as dangerous in the meaning of transport regulations.

**15 Legislation**➤ **Identification****Labeling details**

The product is not subject to classification according to Hazardous Substances Act and the EC Directives. Hazard pictograms.

➤ **EU Rules**

Information pursuant to VOC Directive: 0 %

➤ **Additional Information**

Regulation (EG) Nr. 648/2004 (Detergents):

Anionic ( 5 - 15 % ) Surfactants, from natural surfactants ( < 5 % ) from natural renewable raw materials, skin protectants, dyes and fragrances, Citral, Limonene, linalool.

➤ **National regulations:**

Hazardous Incident (Reporting) Ordinance	Not regulated.
Technical Instructions on air quality III	5.2.5: organic substances, expressed as total carbon at m >= 0.50 kg/h: Conc. 50 mg/m <sup>3</sup>
Share	< 10 %
Water hazard class	1 – slightly hazardous for water (WGK I)
Status	Classification according to VwVwS Annex 4, Nr. 3

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**16 Other information**

➤ **Full text of R-phrases specified in point 2 and 3**

22 Harmful if swallowed.

41 Risk of serious damage to eyes.

➤ **More information**

Data of items 4 to 8 and 10 to 12, do partly not refer to the use and the proper application of the product (see the utility/SPC), but to liberation of major amounts in case of accidents and irregularities. The information describes exclusively the safety requirements of the product/products and is based on our present knowledge. The delivery specifications are contained in the corresponding product sheet. Make no guarantee of the properties of the described product/products in terms of the legal warranty regulations are (na – not applicable, nd – not determined).

*(The data for the hazardous ingredients were taken respectively from the last version of the sub.)*