

# EC safety data sheet

**Trade name:** activo® Liquid

**Product no.:** SA00304

**Current version :** 6.0.0, issued: 10.10.2017

**Replaced version:** 5.0.0, issued: 08.09.2017

**Region:** GB

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Trade name

**activo® Liquid**

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

**Relevant identified uses of the substance or mixture**

Liquid Feed supplement to maintain appetite

**Uses advised against**

No data available.

### 1.3 Details of the supplier of the safety data sheet

**Address**

EW Nutrition GmbH  
Hogenbögen 1  
49429 Visbek

Telephone no. +49 (0)4445 98 68 - 0  
Fax no. +49 (0)4445 98 68 - 119  
e-mail info@ew-nutrition.com

**Information provided by / telephone**

+49 (0)421 5 72 92 - 0

**Advice on Safety Data Sheet**

sdb\_info@umco.de

### 1.4 Emergency telephone number

For medical advice (in German and English):  
+49 (0)551 192 40 (Giftinformationszentrum Nord)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification in accordance with Regulation (EC) No 1272/2008 (CLP)**

Eye Dam. 1; H318  
Skin Corr. 1C; H314  
Skin Sens. 1; H317

**Classification information**

Classification and labelling with respect to corrosivity and irritation to skin are based on toxicological studies performed on the product (mixture).

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)**

**Hazard pictograms**



GHS05



GHS07

**Signal word**

Danger

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## Hazardous component(s) to be indicated on label:

carvacrol

## Hazard statement(s)

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

## Hazard statements (EU)

EUH208 Contains cinnamaldehyde. May produce an allergic reaction.

## Precautionary statement(s)

P102 Keep out of reach of children.

P260 Do not breathe vapours/spray.

P264 Wash with plenty of water and soap thoroughly after handling.

P280 Wear protective gloves/eye protection.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P310 Immediately call a POISON CENTER/doctor.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P405 Store locked up.

P501 Dispose of contents/container to a facility in accordance with local/regional/national/international regulations.

## 2.3 Other hazards

No data available.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable. The product is not a substance.

### 3.2 Mixtures

#### Chemical characterization

Aqueous emulsion with acids and essential oils

#### Hazardous ingredients

No	Substance name	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration %
1	<b>citric-acid-monohydrate</b>		
	5949-29-1 201-069-1 - -	Eye Irrit. 2; H319	>= 10.00 - < 25.00 %-b.w.
2	<b>carvacrol</b>		
	499-75-2 207-889-6 - -	Acute Tox. 4; H302 Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Irrit. 2; H319	>= 5.00 - < 10.00 %-b.w.
3	<b>cinnamaldehyde</b>		
	104-55-2 203-213-9 - -	Acute Tox. 4; H312 Skin Irrit. 2; H315 Skin Sens. 1; H317	< 0.50 %-b.w.

Full Text for all H-phrases and EUH-phrases: pls. see section 16

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

Remove contaminated clothing immediately and dispose of safely. In case of persisting adverse effects, consult a physician.

#### After inhalation

Ensure supply of fresh air. If unconscious place in recovery position and seek medical advice.

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## **After skin contact**

Wash immediately with plenty of water for several minutes. Consult a doctor if skin irritation persists.

## **After eye contact**

Separate eyelids, wash the eyes thoroughly with water (15 min.).

## **After ingestion**

Rinse out mouth and give plenty of water to drink. Do not induce vomiting. Seek medical advice immediately.

## **4.2 Most important symptoms and effects, both acute and delayed**

No data available.

## **4.3 Indication of any immediate medical attention and special treatment needed**

No data available.

## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

#### **Suitable extinguishing media**

ABC powder; Foam; Carbon dioxide

#### **Unsuitable extinguishing media**

Water

### **5.2 Special hazards arising from the substance or mixture**

When heating or in case of fire formation of toxic gases.

### **5.3 Advice for firefighters**

Use self-contained breathing apparatus. Wear protective clothing.

## **SECTION 6: Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

#### **For non-emergency personnel**

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation.

#### **For emergency responders**

No data available. Personal protective equipment (PPE) - see Section 8.

### **6.2 Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.

### **6.3 Methods and material for containment and cleaning up**

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal.

### **6.4 Reference to other sections**

Information regarding safe handling, see chapter 7. Information regarding personal protective measures, see chapter 8. Information regarding waste disposal, see chapter 13.

## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**

#### **Advice on safe handling**

Ensure adequate ventilation. Avoid contact with skin and eyes.

#### **General protective and hygiene measures**

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Do not inhale vapours.

#### **Advice on protection against fire and explosion**

Keep away from sources of heat and ignition.

### **7.2 Conditions for safe storage, including any incompatibilities**

#### **Technical measures and storage conditions**

Keep container dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

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## Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

## Advice on storage assembly

None known

## 7.3 Specific end use(s)

No data available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

No parameters available for monitoring.

### 8.2 Exposure controls

#### Appropriate engineering controls

No data available.

#### Personal protective equipment

##### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Respiratory filter (part): P3

##### Eye / face protection

Tightly fitting safety glasses (EN 166).

##### Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves. Besides the suitable material, the choice of protective gloves depends additionally on quality criteria which may vary from one manufacturer to the other. The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed

##### Other

Check suitability of protective clothing for the specific workplace conditions. Chemical resistance of the protective equipment should be discussed with the manufacturer of the protective equipment.

##### Environmental exposure controls

No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Form/Colour</b>	
Liquid	
cream colour	
<b>Odour</b>	
specific	
<b>Odour threshold</b>	
No data available	
<b>pH value</b>	
Value	1 - 2
<b>Boiling point / boiling range</b>	
Value	appr. 100 °C

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<b>Melting point / melting range</b>
not determined

<b>Decomposition point / decomposition range</b>
No data available

<b>Flash point</b>
Not relevant

<b>Auto-ignition temperature</b>
Remarks   Product is not selfigniting.

<b>Oxidising properties</b>
not oxidizing

<b>Explosive properties</b>
Product does not present an explosion hazard.

<b>Flammability (solid, gas)</b>
Not applicable

<b>Lower flammability or explosive limits</b>
No data available

<b>Upper flammability or explosive limits</b>
No data available

<b>Vapour pressure</b>
No data available

<b>Vapour density</b>
not determined

<b>Evaporation rate</b>
No data available

<b>Relative density</b>
No data available

<b>Density</b>
Value   1.08   kg/l
Reference temperature   20   °C

<b>Solubility in water</b>
Remarks   Completely miscible

<b>Solubility(ies)</b>
No data available

<b>Partition coefficient: n-octanol/water</b>	
<b>No</b>	<b>Product Name</b>
1	activo® Liquid
not determined	

<b>Viscosity</b>
not determined

## 9.2 Other information

<b>Other information</b>
No data available.

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

Stable if stored and handled properly.

### 10.3 Possibility of hazardous reactions

Dangerous reactions are not to be expected when handling product according to its intended use.

### 10.4 Conditions to avoid

Heat

### 10.5 Incompatible materials

none, if handled according to order

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute oral toxicity (result of the ATE calculation for the mixture)	
No	Product Name
1	activo® Liquid
Remarks	The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE oral > 2000 mg/kg).

Acute oral toxicity		
No	Product Name	
1	activo® Liquid	
LD50		5555 mg/kg
Species	rat	
Source	estimated value	

Acute dermal toxicity	
No data available	

Acute inhalational toxicity	
No data available	

Skin corrosion/irritation	
No	Product Name
1	activo® Liquid
Method	OECD 435
Evaluation	corrosive
Evaluation/classification	Based on available data, the classification criteria are met.

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## Serious eye damage/irritation

No data available

## Respiratory or skin sensitisation

No data available

## Germ cell mutagenicity

No data available

## Reproduction toxicity

No data available

## Carcinogenicity

No data available

## STOT - single exposure

No data available

## STOT - repeated exposure

No data available

## Aspiration hazard

No data available

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritating to skin. Irritates the mucous membrane.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Toxicity to fish (acute)

No data available

#### Toxicity to fish (chronic)

No data available

#### Toxicity to Daphnia (acute)

No data available

#### Toxicity to Daphnia (chronic)

No data available

#### Toxicity to algae (acute)

No data available

#### Toxicity to algae (chronic)

No data available

#### Bacteria toxicity

No data available

### 12.2 Persistence and degradability

No data available.

### 12.3 Bioaccumulative potential

#### Partition coefficient: n-octanol/water

No	Product Name
1	activo® Liquid
not determined	

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## 12.4 Mobility in soil

No data available.

## 12.5 Results of PBT and vPvB assessment

No data available.

## 12.6 Other adverse effects

No data available.

## 12.7 Other information

### Other information

Do not discharge into the drains or waters and do not store on public depositories.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### 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.  
dispose of in accordance with local regulation.

#### 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.

## SECTION 14: Transport information

### 14.1 Transport ADR/RID/ADN

Class	8
Classification code	C9
Packing group	III
Hazard identification no.	80
UN number	UN1760
Technical name	CORROSIVE LIQUID, N.O.S.
Danger releasing substance	citric-acid-monohydrate carvacrol
Tunnel restriction code	E
Label	8

### 14.2 Transport IMDG

Class	8
Packing group	III
UN number	UN1760
Proper shipping name	CORROSIVE LIQUID, N.O.S.
Danger releasing substance	citric-acid-monohydrate carvacrol
EmS	F-A+S-B
Label	8

### 14.3 Transport ICAO-TI / IATA

Class	8
Packing group	III
UN number	UN1760
Proper shipping name	Corrosive liquid, n.o.s.
Danger releasing substance	citric-acid-monohydrate carvacrol
Label	8

### 14.4 Other information

Transport classification has been made on test results based according to UN Recommendations on the Transport of Dangerous Goods.



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## 14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

## 14.6 Special precautions for user

No data available.

## 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not relevant

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU regulations

##### **Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

##### **REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

##### **Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES**

The product is considered being subject to REACH regulation (EC) 1907/2006 annexe XVII.	No 3
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##### **Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances**

This product is not subject to Part 1 or 2 of Annex I.

##### **Other regulations**

Adhere to the national sanitary and occupational safety regulations when using this product.

### 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

## SECTION 16: Other information

#### **Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

#### **Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)**

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

#### **Department issuing safety data sheet**

UMCO GmbH

Georg-Wilhelm-Str. 187, D-21107 Hamburg

Tel.: +49 40 / 555 546 300 Fax: +49 40 / 555 546 357 e-mail: umco@umco.de

This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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Alterations/supplements:

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Prod-ID 627468