

# EC safety data sheet

**Trade name:** activo® Liquid

**Product no.:** SA00304

**Current version :** 2.0.0, issued: 18.07.2013

**Replaced version:** 1.1.0, issued: 10.07.2013

**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

### 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  
Email info@ew-nutrition.com

**Information provided by / telephone**

+49 (0)4445 98 68 - 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)**

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

**Classification in accordance with Directive 67/548/EEC or 1999/45/EC**

C; R34  
R43

**Classification information**

Product is classified as "Corrosive" based on the extrem pH-value, see:  
- Regulation 1272/2008 (CLP), Annex. I, number 3.2.2.2 / 3.2.3.1.2);  
- Directive 1999/45 (DPD) (see remark to Annex II part B, number 4.1.).

### 2.2 Label elements

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

**Hazard pictograms**



GHS05



GHS07

**Signal word**

Danger

**Hazardous component(s) to be indicated on label, contains:**

carvacrol

**Hazard statements**

H314

Causes severe skin burns and eye damage.

H317

May cause an allergic skin reaction.

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## Precautionary statements

P102 Keep out of reach of children.  
P260 Do not breathe vapour/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 or doctor/physician.  
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 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 67/548/EEC	Classification (EC) 1272/2008 (CLP)	Concentration	%-b.w.
1	citric-acid-monohydrate				
	5949-29-1 201-069-1 - -	Xi; R36	Eye Irrit. 2; H319	> 10.00 - < 30.00	%-b.w.
2	carvacrol				
	499-75-2 207-889-6 - -	Xn; R22 Xi; R38 R43	Acute Tox. 4; H302 Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Irrit. 2; H319	> 5.00 - < 10.00	%-b.w.

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

No	Note	Specific concentration limits	M-factor
5	C	-	-

Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

## 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.

#### 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.

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## 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.

#### 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

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## 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	
Beige	
<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
<b>Melting point / melting range</b>	
not determined	
<b>Decomposition point / decomposition range</b>	
No data available	
<b>Flash point</b>	
Not relevant	

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<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>	
not determined	
<b>Viscosity</b>	
not determined	

## 9.2 Other information

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

## 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

No data available.

### 10.4 Conditions to avoid

Heat

### 10.5 Incompatible materials

none, if handled according to order

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## 10.6 Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

<b>Acute oral toxicity</b>	
LD50	5555 mg/kg
Species	rat
Source	estimated value
<b>Acute dermal toxicity</b>	
No data available	
<b>Acute inhalational toxicity</b>	
No data available	
<b>Skin corrosion/irritation</b>	
No data available	
<b>Serious eye damage/irritation</b>	
No data available	
<b>Respiratory or skin sensitisation</b>	
No data available	
<b>Germ cell mutagenicity</b>	
No data available	
<b>Reproduction toxicity</b>	
No data available	
<b>Carcinogenicity</b>	
No data available	
<b>STOT-single exposure</b>	
No data available	
<b>STOT-repeated exposure</b>	
No data available	
<b>Aspiration hazard</b>	
No data available	
<b>Delayed and immediate effects as well as chronic effects from short and long-term exposure</b>	
Irritating to skin. Irritates the mucous membrane.	

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## SECTION 12: Ecological information

### 12.1 Toxicity

**Fish toxicity**

No data available

**Daphnia toxicity**

No data available

**Algae toxicity**

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**

not determined

### 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	II
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

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## 14.2 Transport IMDG

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

## 14.4 Other information

No data available.

## 14.5 Environmental hazards

Information on environmental hazards, if relevant, pls. 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 73/78 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

##### **Restriction of occupation**

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

### 15.2 Chemical safety assessment

For this mixture a chemical safety assessment has not been carried out.

## SECTION 16: Other information

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

EC Directive 67/548/EC resp. 1999/45/EC as amended in each case.

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

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

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.



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

R10	Flammable.
R22	Harmful if swallowed.
R34	Causes burns.
R36	Irritating to eyes.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

**Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)**

C	Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.
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**Department issuing safety data sheet**

EW Nutrition GmbH

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This information is based on our present state of knowledge and experience.

The security data sheet describes products with a view to the security requirements.

However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.