

**SECTION 1. Identification of the substance/mixture and of the company/enterprise**

**1.1. Product identifier**

Product name : QUICKGEL  
Product code: refer to sales department

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

Clarifying Agents  
Sectors of use:  
Manufacture of food products[SU4]  
Product category:  
Process aid for enological use

Not recommended uses  
Do not use for purposes other than those listed

**1.3. Details of the supplier of the safety data sheet**

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Produced by  
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#### **1.4. Emergency telephone number**

AEB SpA

Centralino/Switchboard: +39.030.2307.1 - (h 8.30-12.00 13.30-18.00 GMT +1; Lingua/Language: Italiano, English)

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AEB USA

Switchboard: +1 2096258139 (GMT -8; Language: English)

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AEB AFRICA (PTY) LTD

Switchboard: +27 215512700 (GMT +1; Language: English, Afrikaans)

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AEB OCEANIA PTY LTD

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## **SECTION 2. Hazards identification**

### **2.1. Classification of the substance or mixture**

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:

None

Hazard Class and Category Code(s):

Non hazardous

Hazard statement Code(s):

Non hazardous

### **2.2. Label elements**

Labelling according to Regulation (EC) No 1272/2008:

Pictogram, Signal Word Code(s):

None

Hazard statement Code(s):

Non hazardous

Supplemental Hazard statement Code(s):

EUH210 - Safety data sheet available on request.

Precautionary statements:

None in particular.

Contains:

Ingredients: activated bentonite, swine food gelatin, egg albumin(a).

Food use, oenological use. Not intended for the final consumer. In accordance with current regulations on the specific matter.

(a) = eggs and products thereof

(<Eggs and products thereof>in compliance with Regulation (EU) No 1169/2011 - Annex II and subsequent additions

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and modifications)

### 2.3. Other hazards

Based on the available data, no PBT or vPvB substances are present in accordance with Regulation (EC) 1907/2006, annex XIII

Based on available data, there are no substances that interfere with the Endocrine System in accordance with Regulation (EU) 2017/2100

Do not ingest. Keep out of reach of children.

## SECTION 3. Composition/information on ingredients

### 3.1 Substances

Irrilevant

### 3.2 Mixtures

No dangerous substance to report.

Substance	Concentration[ w/w]	Classification	Index	CAS	EINECS	REACH
ACTIVED BENTONITE substance for which there are Community workplace exposure limits	>= 50 < 100%			1302-78-9	215-108-5	

## SECTION 4. First aid measures

### 4.1. Description of first aid measures

Inhalation:

Ventilate the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

Direct contact with skin (of the pure product).:

Wash thoroughly with soap and running water.

Direct contact with eyes (of the pure product).:

Wash immediately and thoroughly with running water for at least 10 minutes.

Ingestion:

Not dangerous. In case of malaise consult a doctor.

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

In contact with eyes it may cause reddening and tearing due to the mechanical effect of the powder

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

No data available.

### **SECTION 5. Firefighting measures**

#### **5.1. Extinguishing media**

Suggested extinguishing media:

Water spray, CO<sub>2</sub>, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing media to avoid:

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

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

No data available.

#### **5.3. Advice for firefighters**

Use protection for the breathing apparatus

Safety helmet and full protective clothing.

The water spray can be used to protect the people involved in the extinction.

You may also use self-contained breathing apparatus, especially when working in confined and poorly ventilated areas.

Keep containers cool with water spray

### **SECTION 6. Accidental release measures**

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

6.1.1 For non-emergency personnel:

Leave the area surrounding the spill or release. Do not smoke

Wear gloves and protective clothing

6.1.2 For emergency responders:

Eliminate all unguarded flames and possible sources of ignition. No smoking.

Provide a sufficient ventilation.

Evacuate the danger area and, in case, consult an expert.

#### **6.2. Environmental precautions**

Contain spills

Inform the competent authorities.

Dispose of the waste material in compliance with the regulations

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

6.3.1 Containment:

Recover the product for reuse, if possible, or for elimination.

6.3.2 Cleaning up:

After wiping up, wash with water the area and materials involved

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6.3.3 Other information:  
None in particular.

#### 6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

## SECTION 7. Handling and storage

### 7.1. Precautions for safe handling

At work do not eat or drink.  
See also paragraph 8 below.

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

Keep in original container closed tightly. Do not store in open or unlabelled containers.  
Keep containers upright and safe by avoiding the possibility of falls or collisions.  
Store in a cool and dry place, away from heat sources and direct exposure to sunlight.

### 7.3. Specific end use(s)

Manufacture of food products:  
Handle with care.  
Store in a clean, dry, ventilated area away from heat and direct sunlight.  
Keep container tightly closed.

## SECTION 8. Exposure controls/personal protection

### 8.1. Control parameters

=====  
Related to contained substances:  
ACTIVED BENTONITE:  
INHALABLE, DUST

TLV - TWA (Threshold Limit Value - Time Weighted Average) - Eight hours (ppm)/(mg/m<sup>3</sup>)

Austria: x/10

Belgium: x/10

Denmark: x/10

France: x/4 (1) General remarks: Bold type: Restrictive statutory limit values - Remarks: (1) Inhalable fraction

Germany (AGS): x/10(1)(2)(3) Remarks: (1) Insoluble particulates (2) not applicable for ultra-fine dusts and dusts with specific toxicity (3) the limit value is a general upper limit for technical measures, as long as no specific regulations for toxic or carcinogenic substances are available

Germany (DFG): x/4

Hungary: x/10

Ireland: x/10

Poland: x/10

Singapore: x/10

Spain: x/10

Sweden: x/10

Switzerland: x/10

TLV-STEL Threshold limit value – short-term exposure limit (ppm)/(mg/m<sup>3</sup>)

Austria: x/20

Denmark: x/20

Germany (AGS): x/20(1)(2)(3) Remarks: (1) Insoluble particulates (2) not applicable for ultra-fine dusts and dusts with specific toxicity (3) the limit value is a general upper limit for technical measures, as long as no specific regulations for toxic or carcinogenic substances are available

## RESPIRABLE DUST

TLV - TWA (Threshold Limit Value - Time Weighted Average) - Eight hours (ppm)/(mg/m<sup>3</sup>)

Austria: x/5

Belgium: x/3

France: x/0,9 Remarks: (1) type: Restrictive statutory limit values

Germany (AGS): x/1,25 (1)(2)(3)(4)(5) Remarks: (1) Insoluble particulates (2) not applicable for ultra-fine dusts and dusts with specific toxicity (3) the limit value is a general upper limit for technical measures, as long as no specific regulations for toxic or carcinogenic substances are available (4) the limit value was derived for dusts with an average density of 2.5 mg/m<sup>3</sup> (5) at work areas where all technical and further measures are state of the art but the LV is still not adhered, the old LV can be applied for a transitional period until 31st December 2018 (8 h-LV: 3.0 mg/m<sup>3</sup>, 15 minutes average value: 6.0 mg/m<sup>3</sup>)

Germany (DFG): x/0,3 (1) Remarks: (1) For granular, bio-resistant dusts, except ultra-fine particles (2) 15 minutes average value

Hungary: x/6

Ireland: x/4

Spain: x/3

Switzerland: x/3

USA – OSHA: x/5

TLV-STEL Threshold limit value – short-term exposure limit (ppm)/(mg/m<sup>3</sup>)

Austria: x/10

Germany (DFG): x/2,4 (1)(2) Remarks: (1) For granular, bio-resistant dusts, except ultra-fine particles (2) 15 minutes average value

## 8.2. Exposure controls

Appropriate engineering controls:

Manufacture of food products:

No specific monitoring foreseen (act according to good practice and specific rules for the type of risk associated)

### 8.2.2 Individual protection measures:

#### (a) Eye / face protection

Not needed for normal use, unless otherwise provided by the employer and / or by assessments of environmental hygiene investigations.

#### (b) Skin protection

##### (i) Hand protection

Not needed for normal use, unless otherwise provided by the employer and / or by assessments of environmental hygiene investigations.

##### (ii) Other

Wear normal work clothing.

#### (c) Respiratory protection

Not needed for normal use, unless otherwise provided by the employer and / or by assessments of environmental hygiene investigations.

(d) Thermal hazards  
No hazard to report

Environmental exposure controls:

Use according to good working practices and avoid to disperse the product into the environment.

## SECTION 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value	Determination method
Physical state	Fine powder	
Colour	Beige	
Odour	not determined as it is considered not relevant for the characterization of the product	
Odour threshold	not determined as it is considered not relevant for the characterization of the product	
Melting point/freezing point	not determined as it is considered not relevant for the characterization of the product	
Boiling point or initial boiling point and boiling range	not determined as it is considered not relevant for the characterization of the product	
Flammability	not determined as it is considered not relevant for the characterization of the product	
Lower and upper explosion limit	not determined as it is considered not relevant for the characterization of the product	
Flash point	not determined as it is considered not relevant for the characterization of the product	ASTM D92
Auto-ignition temperature	not determined as it is considered not relevant for the characterization of the product	
Decomposition temperature	not determined as it is considered not relevant for the characterization of the product	
pH	9,0 ± 1,0 (20 ° C; Sol. 5%)	
Kinematic viscosity	not determined as it is considered not relevant for the characterization of the product	
Solubility	not determined as it is considered not relevant for the characterization of the product	
Water solubility	not determined as it is considered not relevant for the characterization of the product	
Partition coefficient n-octanol/water (log value)	not determined as it is considered not relevant for the characterization of the product	
Vapour pressure	not determined as it is considered not relevant for the characterization of the product	
Density and/or relative density	0,50 - 0,65 (20 ° C)	
Relative vapour density	not determined as it is considered not relevant for the characterization of the product	
Particle characteristics	not determined as considered not relevant for the characterization of the product	

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**9.2. Other information**

**9.2.1 Information with regard to physical hazard classes**

Irrilevant

**9.2.2 Other safety characteristics**

Irrilevant

**SECTION 10. Stability and reactivity**

**10.1. Reactivity**

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Related to contained substances:  
ACTIVED BENTONITE:  
Inert - Non-reactive

**10.2. Chemical stability**

No hazardous reaction when handled and stored according to provisions.

**10.3. Possibility of hazardous reactions**

There are no hazardous reactions

**10.4. Conditions to avoid**

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Related to contained substances:  
ACTIVED BENTONITE:  
Minimize dust formation in inadequately ventilated indoor areas. Slippery if wet

**10.5. Incompatible materials**

No one in particular

**10.6. Hazardous decomposition products**

Does not decompose when used for intended uses.

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## SECTION 11. Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

(a) acute toxicity: ACTIVED BENTONITE: Ingestion-rat LD50 (mg/kg/bw 24h): > 2000

Skin contact-LC50 rat/rabbit (mg/kg/bw 24h): n.a.

Inhalation-rat LD50 (mg/l/4h): > 5.27

(b) skin corrosion/irritation: ACTIVED BENTONITE: Non-corrosive

ACTIVED BENTONITE: Non-irritating

(c) serious eye damage/irritation: ACTIVED BENTONITE: Non-corrosive

ACTIVED BENTONITE: Slightly irritating

(d) respiratory or skin sensitisation: ACTIVED BENTONITE: Non-sensitizing

(e) germ cell mutagenicity: ACTIVED BENTONITE: Non-mutagenic

(f) carcinogenicity: ACTIVED BENTONITE: Non-carcinogenic

(g) reproductive toxicity: ACTIVED BENTONITE: Non-toxic for reproduction

(h) specific target organ toxicity (STOT) single exposure: ACTIVED BENTONITE: Non-toxic

(i) specific target organ toxicity (STOT) repeated exposure: ACTIVED BENTONITE: Non-toxic

(j) aspiration hazard: ACTIVED BENTONITE: There are no dangers for aspiration

### 11.2. Information on other hazards

No data available.

#### 11.2.1. Endocrine disrupting properties

Based on available data, there are no substances that interfere with the Endocrine System in accordance with Regulation (EU) 2017/2100

## SECTION 12. Ecological information

### 12.1. Toxicity

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Related to contained substances:

ACTIVED BENTONITE:

Acute toxicity - fish LC50 (mg / l / 96h): 16000

Acute toxicity - crustaceans EC50 (mg / l / 48h): nd

Acute algae toxicity ErC50 (mg / l / 72-96h): > 100

Use according to good working practices and avoid to disperse the product into the environment.

### 12.2. Persistence and degradability

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Related to contained substances:

ACTIVED BENTONITE:

Not persistent

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**12.3. Bioaccumulative potential**

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Related to contained substances:  
ACTIVED BENTONITE:  
Not bioaccumulative

**12.4. Mobility in soil**

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Related to contained substances:  
ACTIVED BENTONITE:  
Not available

**12.5. Results of PBT and vPvB assessment**

Based on the available data, no PBT or vPvB substances are present in accordance with Regulation (EC) 1907/2006, annex XIII

**12.6. Endocrine disrupting properties**

Based on available data, there are no substances that interfere with the Endocrine System in accordance with Regulation (EU) 2017/2100

**12.7. Other adverse effects**

No adverse effects

**SECTION 13. Disposal considerations**

**13.1. Waste treatment methods**

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies.  
Recover if possible. Operate according to local or national regulations

**SECTION 14. Transport information**

**14.1. UN number or ID number**

Not included in the field of application of regulations concerning the transport of dangerous goods: by road (ADR); by rail (RID); by air (ICAO / IATA); by sea (IMDG).

**14.2. UN proper shipping name**

None

**14.3. Transport hazard class(es)**

None

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#### **14.4. Packing group**

None

#### **14.5. Environmental hazards**

None

#### **14.6. Special precautions for user**

No data available.

#### **14.7. Maritime transport in bulk according to IMO instruments**

Transport in bulk is not foreseen

### **SECTION 15. Regulatory information**

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

Restrictions relating to the product or the substances contained (Annex XVII EC Reg. 1907/2006): not applicable  
Substances in Candidate list (art. 59 EC Reg. 1907/2006): the product does not contain SVHC in percentage = a 0.1 %.

Regulation (EU) 1169/2011; see point 2.2

Regulation (EU) 1308/2013; see point 2.2

Regulation (EC) 1333/2008; see point 2.2

#### **15.2. Chemical safety assessment**

No chemical safety assessment was carried out by the supplier

### **SECTION 16. Other information**

#### **16.1. Other information**

Points modified compared to previous release: 2.2. Label elements, 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

No hazard to report. Classification procedure: Calculation method

Main normative references:

Reg. (CE) n. 1907 del 18/12/06 REACH (Registration, Evaluation and Authorisation of CHemicals) et seq.

Reg. (CE) 1272/2008 CLP (Classification Labelling and Packaging) et seq.

Directive 2012/18/EU (on the control of major-accident hazards involving dangerous substances) et seq.

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Training required: This document must be submitted to the employer to determine the possible need for appropriate training for workers to ensure protection of human health and the environment.

n.a.: not applicable

n.d.: not available

ADR: Accord européen relative au transport International des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

ATE: Acute Toxicity Estimat

BFC: BioconCentration Factor

BOD: Biochemical Oxigen Demand

CAS: Chemical Abstract Service number

CAP: Centre AntiPoison

CE/EC number EINECS (European Inventory of existing Commercial Substances) e ELINCS (European List of notified Chemical Substances)

CL50/LC50: Lethal Concentration 50

DL50/LD50: Lethal Dose 50

COD: Chemical Oxygen Demand

DNEL: Derived No Effect Level

EC50: half maximal Effective Concentration

ERC: Enviroment Release Classes

EU/UE: European Union

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

IMDG: International Maritime Dangerous Goods code

Kow: Octanol water partition coefficient

NOEC: No Observed Effect Concentration

OEL: Occupational Exposure Limit

PBT: Persistent Bioaccumulative and Toxic

PC: Product Categories

PNEC: Predicted No Effect Concentration

PROC: Process Categories

RID: Règlement concernant le transport International ferroviaire des marchandises dangereuses (Regulations concerning International rail transport of dangerous goods)

STOT: Target Organ Systemic Toxicity

STOT (RE): Repeated Exposure

STOT (SE): Single Exposure

STP: Sewage Treatment Plants

SU: Sector of Use

SVCH: Substance of Very High Concern

TLV: Threshold Limit Value

vPvB: Very Persistent Very Bioaccumulative

#### References and Sources:

- ECHA Registered Substances:

<https://echa.europa.eu/web/guest/information-on-chemicals/registered-substances>

- SDS raw material supplier

- GESTIS International Limit Value: <http://limitvalue.ifa.dguv.de>

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\*\*\* this tab annuls and replaces any previous edition.

Changes to the previous edition: update to sec 2.2.

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