

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

**1.1. Product identifier**

Product name : DECORAN Gran  
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, Technological adjuvant for limited food use

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

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

AEB SpA - Via Vittorio Arici 104 S.Polo - 25134 Brescia (BS) Italy  
Tel. +39.030.2307.1 Fax +39.030.2307281  
E-mail: [info@aeb-group.com](mailto:info@aeb-group.com) - Internet: [www.aeb-group.com](http://www.aeb-group.com)  
E-mail tecnico competente/technical dept.: [sds@aeb-group.com](mailto:sds@aeb-group.com)

AEB USA  
111 N Cluff Avenue  
Lodi CA 95240 (USA)  
Tel: +1 2096258139 Fax: +1 2092248953  
Email: [info@aebusa.com](mailto:info@aebusa.com) - Internet: [www.aeb-group.com](http://www.aeb-group.com)

AEB AFRICA (PTY) LTD  
18 Track Crescent, Cor. Station Road  
Montague Gardens 7441  
Cape Town (South Africa)  
Tel.: +27 215512700 - Fax: +27 (0) 215511919  
Email: [info@aeb.co.za](mailto:info@aeb.co.za) - Internet: [www.aeb-group.com](http://www.aeb-group.com)

AEB OCEANIA PTY LTD  
178A Wakaden Street  
Griffith NSW 2680  
T: 1300 704 971  
Email: [aebocania@aeb-group.com](mailto:aebocania@aeb-group.com) - Internet: [www.aeb-group.com](http://www.aeb-group.com)

Produced by  
AEB SpA  
Via Vittorio Arici 104 S. Polo  
25134 Brescia

---

#### **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)

---

AEB USA

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

---

AEB AFRICA (PTY) LTD

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

---

AEB OCEANIA PTY LTD

Switchboard: +61 1300 704 971 (GMT +9; Language: English)

## **SECTION 2. Hazards identification**

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

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

This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

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):

not applicable

Precautionary statements:

None in particular.

Ingredients: decolorizing active carbon. Food use. Also for oenological use. Not intended for the final consumer. In accordance with current regulations on the specific matter

### 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

Do not ingest. Keep out of reach of children.

## SECTION 3. Composition/information on ingredients

### 3.1 Substances

No dangerous substance to report.

Substance	Concentration[ w/w]	Classification	Index	CAS	EINECS	REACH
Activated Carbon substance for which there are Community workplace exposure limits	50-100%			7440-44-0	931-334-3	01-2119488 716-22-xxxx

### 3.2 Mixtures

Irrilevant

## SECTION 4. First aid measures

### 4.1. Description of first aid measures

General notes

Do not leave the affected person unattended. Remove the victim from the danger area. In all doubtful cases or when symptoms persist, consult a doctor. Self-protection of the first responder.

In case of inhalation: provide fresh air. In case of doubt or if symptoms persist, consult your doctor.

In case of skin contact: brush off loose particles from skin. Wash thoroughly with soap and water.

In case of eye contact: keep the eyelids open. Rinse thoroughly with fresh, clean water for at least 10 minutes, holding the eyelids apart. Remove contact lenses, if present and easy to remove. Continue rinsing. Call a doctor immediately.

In case of ingestion: rinse mouth immediately and drink plenty of water.

### 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

If you feel unwell, seek medical attention or go to the emergency room and, if possible, show this safety data sheet.

Specific treatment

## SECTION 5. Firefighting measures

### **5.1. Extinguishing media**

Suitable extinguishing agents: water, nebulised water, foam, extinguishing powder.  
Unsuitable extinguishing media: water jet

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

Danger of dust explosion.  
Hazardous Combustion Products: Carbon Monoxide (CO), Carbon Dioxide (CO<sub>2</sub>)

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

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures according to the fire area. Prevent fire water from entering sewers or waterways. Collect contaminated fire water separately. Fight the fire with normal precautions from a reasonable distance.  
Special protective equipment for firefighters: chemical protective clothing, wear self contained breathing apparatus.

## **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:  
Ensure sufficient ventilation. Wear appropriate protective equipment (including personal protective equipment referred to in section 8 of the safety data sheet) to avoid contamination of skin, eyes and personal clothing. Remove sources of ignition.  
Evacuate the danger area and, if necessary, 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:  
Covering of drains, Take up mechanically.

6.3.2 Cleaning up:  
Collect mechanically. After collection, wash the affected area and materials with water.

6.3.3 Other information:

Place in appropriate containers for disposal. Ventilate affected area.

#### **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**

Managing of associated risks

Explosive atmospheres: removal of dust deposits. Only vacuum cleaners containing no ignition sources may be used for combustible dusts.

Incompatible substances or mixtures: do not mix with oxidisers

Specific designs for storage rooms or vessels: store in a dry place.

Recommended storage temperature: 0 – 40 °C

Packaging compatibilities: keep only in original container.

#### **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:

Activated Carbon:

GB: Graphite (7440-44-0) WEL- Long-term exposure limit (8-hr TWA): 10 mg/m<sup>3</sup> (inhalable fraction); 4 mg/m<sup>3</sup> (respirable fraction)

- Substance: Activated Carbon

DNEL

Local effects Long term Consumers inhalation = 0,9 (mg/m<sup>3</sup>)

PNEC

ground = 10 (mg/kg ground)

#### **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

Use safety goggle with side protection. (EN 166).

(b) Skin protection

(i) Hand protection

Chemical protection gloves are suitable, which are tested according to EN 374.

(ii) Other

Wear normal work clothing.

(c) Respiratory protection

Not needed for normal use. In case of dust formation: respiratory protection. Particulate filter device (EN 143). P2 (filters at least 94 % of airborne particles, colour code: White).

(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	Mini-pellet	
Colour	Black	
Odour	not determined as 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	self-heating substance in accordance with GHS criteria	
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	> 250°C	
Decomposition temperature	not determined as it is considered not relevant for the characterization of the product	
pH	3.2 - 4.2 (20°C, sol 5%)	
Kinematic viscosity	not determined as it is considered not relevant for the characterization of the product	
Solubility	insoluble	
Water solubility	not determined as considered not relevant for the characterization of the product	

Physical and chemical properties	Value	Determination method
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	0.25 - 0.60 (20C)	
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	

## 9.2. Other information

### 9.2.1 Information with regard to physical hazard classes

No data available.

### 9.2.2 Other safety characteristics

Studies according to the Manual of Tests and Criteria, section 33 (United Nations) certify that the product is not self-flammable in packaging sizes < 3.0 m<sup>3</sup>

VOC content: 0%

## SECTION 10. Stability and reactivity

### 10.1. Reactivity

Consult section 10.3, 10.4

### 10.2. Chemical stability

Stable

### 10.3. Possibility of hazardous reactions

the product in the delivered form is not capable of causing dust explosions; however, the accumulation of fine dust leads to the danger of a dust explosion.

#### 10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

#### 10.5. Incompatible materials

There is no additional information.

#### 10.6. Hazardous decomposition products

The reasonably foreseeable hazardous decomposition products produced by use, storage, spillage and heating are not known. Hazardous combustion products: see section 5.

### SECTION 11. Toxicological information

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

- (a) acute toxicity: Based on the available data, the classification criteria are not met.  
Activated Carbon: Ingestion - LD50 rat (mg / kg / 24h bw): nd  
Skin contact - LC50 rat / rabbit (mg / kg / 24h bw): nd  
Inhalation - LD50 rat (mg / l / 4h): nd
- (b) skin corrosion/irritation: Based on the available data, the classification criteria are not met.
- (c) serious eye damage/irritation: Based on the available data, the classification criteria are not met.
- (d) respiratory or skin sensitisation: Based on the available data, the classification criteria are not met.
- (e) germ cell mutagenicity: Based on the available data, the classification criteria are not met.
- (f) carcinogenicity: Based on the available data, the classification criteria are not met.
- (g) reproductive toxicity: Based on the available data, the classification criteria are not met.
- (h) specific target organ toxicity (STOT) single exposure: Based on the available data, the classification criteria are not met.
- (i) specific target organ toxicity (STOT) repeated exposure: Based on the available data, the classification criteria are not met.
- (j) aspiration hazard: Based on the available data, the classification criteria are not met.

#### 11.2. Information on other hazards

No data available.

### SECTION 12. Ecological information

#### 12.1. Toxicity

=====  
Related to contained substances:  
Activated Carbon:  
Acute toxicity - LC50 fish (mg / l / 96h): nd  
Acute toxicity - crustaceans EC50 (mg / l / 48h): nd



Acute toxicity algae ErC50 (mg / l / 72-96h): nd  
Chronic toxicity - NOEC fish (mg / l): nd  
Chronic toxicity - crustaceans NOEC (mg / l): nd  
Chronic toxicity NOEC algal (mg / l): nd

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

#### **12.2. Persistence and degradability**

No data available.

#### **12.3. Bioaccumulative potential**

No data available.

#### **12.4. Mobility in soil**

No data 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**

No data available.

#### **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

**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 contained substances (All. XVII Reg. EC 1907/2006): not applicable  
Substances in Candidate List (art. 59 Reg. EC 1907/2006): the product does not contain SVHC in a proportion  $\geq 0.1\%$ .  
Substances subject to authorisation (Ann. XIV Reg. CEC 1907/2006): the product does not contain SVHC in a proportion  $\geq 0.1\%$ .  
Reg. (EU) n. 1169/2011: see 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: sec..4, 5, 6, 7, 8, 9,10,11,12

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

similar mixture

**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.  
Regulation (UE) n. 1169/2011 (on the provision of food information to consumers)  
Directive 2012/18/EU (on the control of major-accident hazards involving dangerous substances) et seq.

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 Estimati

BFC: BioconCentration Factor

BOD: Biochemical Oxygen 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 concernent 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 supplier
- GESTIS DNEL Database: <http://www.dguv.de/ifa/gestis/gestis-dnel-datenbank/index-2.jsp>
- GESTIS International Limit Value: <http://limitvalue.ifa.dguv.de>

This msds was made in good faith by technical Office on the basis of the information available at the date of the last revision. The person in charge must regularly inform the employees about the specific risks they encounter when using this substance/product. The information contained here relate only to the substance/the preparation indicated and may not apply if the product is used improperly or in combination with others. Nothing contained herein shall be construed as a guarantee, either express or implied. It is the responsibility of the user to ensure the opportunities and completeness of the information contained herein for their own particular use.

\*\*\* this tab annuls and replaces any previous edition. (IIXX)

Changes to the previous edition: change of raw material information

---