Activated Carbon Powder

We, YouWish, Transistorstraat 91-021, 322CL, Almere, The Netherlands

Declare that
Article BL-006.064.0 Activated Carbon Powder

-INCI name: Charcoal Powder
-CAS Number: 16291-96-6 ; 7440-44-0 (generic)
-EC Number: 240-383-3

- Not produced with the use of substrates and raw materials of animal origin.
- The composition is 100% activated carbon, raw material coconut (nut) wood.
- Does not contain any ingredient of animal origin.
- No animal tests are done.
- Is suitable for use in cosmetics.
- Does not contain any kinds of polycyclic aromatic hydrocarbons (PAHs), nitro-derivatives of PAHs and sulphur-containing PAHs, benzopyrenes, benzo[ghi]perylene, coronene, fluoranthene and pyrenes.

Specifications

BL-006.064.0 - Activated carbon powder

Description

Product name: Activated Carbon Powder

Product number: BL-006.064.0

Active Carbon powder is a vegetal carbon activated physically.

Chemical characteristics/Substances
-INCI name: Charcoal Powder
-CAS Number: 16291-96-6 ; 7440-44-0 (generic)
-EC Number: 240-383-3
-Additional indications: Moisture content up to 15%.

Uses

Water cleansing and deodorant for liquid foodstuffs. Reduction of levels of Ochratoxin A in wine and beer.

Dissolve in a small amount of juice or water and add the mixture to your wine while stirring firmly. Remove after 1 day by siphoning/filtering.

Dosage

Wines and Grape must:
Max 100 g/hL, dissolved in water to a ratio of 1:5 (limit under European law and norm CE 1622/2000).

Other sectors:

From 250 to 1,500 g/m^3 of liquid to be treated.

Main Characteristics

METHOD	U.M.	TYPICAL VALUES	GUARANTEED VALUES
Moisture level in packaging	CEFIC 86%	3	max 5
Ashes	ASTM D2866%	3	max 4
pH	CEFIC	8 - 10	
Shaken Density	CEFIC 86 Kg/m^3	450	
BET surface are	- m^2/g	1,100+/-50	
ASTMD4607 iodine index mg/g 1050		1,050	1,000 min
Methylene Blue Index	CEFIC 86 mL	16	15 min

Packaging

Packages of 2 kg

Physical and Chemical analysis

DETERMINAZIONE/DETERMINATION	U.M	SPECIFICHE/ SPECIFICATIONS	RISULTATO/ RESULTS
Umidità/Moisture	%	12 max	CONFORME
Indice di Iodio	-	100 min	CONFORME
pH	-	4,0 – 7,5	CONFORME
Densità/Density	Kg/m3	400 max	CONFORME
Ceneri/Ashes	%	4 max	CONFORME
Note:			

Storage

Store cool (> 7°C) and dry.

Shelf life

5 years after manufacturing date.

Allergens

This product contains no allergens

Country of origin

Italy

Quality

This product has not been treated with irradiation.

This product does not contain gmo-material, nor is manufactured from gmo-material.

Version 2 – 15/05/2024

Material Safety Datasheet

BL-006.064.0 - Activated carbon powder

Rev.03 of 11.2014

1 – IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE COMPANY/CORPORATION

1.1 Identification reference for the product:
Product name: Activated Carbon Powder
Product number: BL-006.064.0
ACTIVE CARBON SUBSTANCE IN POWDER FORM – High-density structure, activated physically by vapour
1.2 Identified appropriate uses of the substance or mixture and recommended uses -
Recommended use:
Adsorbent industrial product for professional and consumer use.
At present, no unrecommended uses have been identified.
1.3. Details of the supplier of the safety data sheet

SUPPLIER	YouWish Transistorstraat 91-021, 322CL, Almere, The Netherlands
CONTACT PERSON	Regulatory Manager

1.4. Emergency telephone number

EMERGENCY TELEPHONE	+31 (0)164254900 - Office Hours: 9:00 - 17:00 (weekdays only)

2 – IDENTIFICATION OF DANGERS

2.1 Classification of the substance or mixture
- Criteria as per directive 67/548/EC, 1999/45/EC, 1272/2008 as subsequently amended:
The product has not been classified as dangerous according to the provisions of Directive 1967/548/EC and Regulation (EC) 1272/2008/EC (CLP).
2.2 Labelling elements -Symbols:
The product does not require a danger label. -Danger
Indications:
The product does not require a danger label. Cautionary
warning:
The product does not require a danger label.
2.3 Other dangers
Under certain conditions, the mixture of powder and air might give rise to an explosive atmosphere, and in as much, a good level of working hygiene needs to be maintained during the handling of the active carbon in powder form.
Moist active carbon takes oxygen from the air, causing serious risks to persons who might be in an enclosed environment and/or enclosed or semi-enclosed container. In such an environment, the personnel should be equipped with appropriate breathing apparati.
Contact with strong oxydizers such as ozone, liquid oxygen, chlorine, permanganate, etc. may cause fire.

3 - COMPOSITION/INFORMATION ON THE INGREDIENTS

3.1 Chemical characteristics/Substances

-INCI name: Charcoal Powder
-CAS Number: 16291-96-6 ; 7440-44-0 (generic)
-EC Number: 240-383-3
-Additional indications: Moisture content up to 15%.
Classified Impurities that contribute to the substance's classification:
none

3.2 Mixtures

Not applicable

4 – FIRST AID MEASURES

4.1 Description of first aid measures -In

the event of contact with skin
Remove the contaminated clothing; wash the affected skin area with soap and water. In the event of skin becoming irritated, consult a doctor.
-In the event of contact with the eyes:
Rinse with plenty of water (where possible, remove contact lenses). In the event of irritation to the eyes, consult a doctor.
-In the event of ingestion:
Rinse the mouth out with water. In the event of feeling ill, consult a doctor.
-In the event of inhalation:
If breathing becomes difficult, convey the affected person into open air and keep them in a rest position that will help breathing. In the event of feeling ill, consult a doctor.

4.2 Main symptoms and effects, both acute and delayed

Contact with the eyes or skin and inhalation may cause irritation due to the powder's abrasive action. One should consult a doctor in the event of irritation to the eyes and/or skin and in the case of inhalation or ingestion, accompanied by feeling ill. No special treatment is foreseen.

5 - FIRE PREVENTION MEASURES

5.1 Means for extinguishing the fire: -Suitable

means for extinguishing fire:
Pulverised water, foam and extinguishing powder.
Unsuitable means for extinguishing fire: none in particular.
-Inappropriate means for extinguishing fire, for safety reasons: Not described

5.2 Special dangers deriving from substances or mixtures

The product is not combustible under normal conditions of use or storage. In the event of fire, carbon oxides might be given off.
The powders are potentially explosive if exposed to a source of heat, naked flames, sparks or other sources of ignition.
Dangerous products of decomposition: CO2 and CO.

5.3 Recommendations for firefighters

Cool the recipient down with jets of water so as to avoid substances that are potentially dangerous to one's health from being released. Remove the recipient from the area of the fire, if this can be achieved without risk. Always wear complete firefighting equipment: protective helmet with visor, fireproof clothing, protective gloves and breathing apparatus.

6 – MEASURES TO BE TAKEN IN THE EVENT OF ACCIDENTAL RELEASE OF GASES

6.1 Personal precautions, provisions for protection and procedures to be adopted in an emergency

Protective measures for breathing: Type P2 mask.

Wear dust protection gloves.

6.2 Environmental precautions

Ensure that the product does not leak into sewerage, run-off water or underground water courses.

To avoid dust forming, spray a water mist before cleansing operations.

6.3 Methods and materials for containment and reclaiming

Limit overspilling to the maximum. Cover sewerage outlets. Scoop up the product mechanically or by using pneumatic suction devices. Dispose of the leaked product in compliance with local and national legislation. Carefully clean up the area concerned so as to eliminate any residual contamination.

6.4 Reference to other sections

For information concerning disposal, refer to SECTION 13.

7 – HANDLING AND STORAGE

7.1 Precautions for safe handling Avoid
raising dust clouds.
Keep any dust clouds away from sources of inflammation.
See Directive 1999/92/EC (ATEX 137) and relevant national legislation.
Moist active carbon takes oxygen from the air, causing serious risks to persons who might be in a lowoxygen environment; before an operator enters a container for active carbon, one should check the oxygen level.
The appropriate procedures for working in low oxygen environments should be respected.
Adequate protective clothing should be worn.
A good basic level of professional hygiene is recommended.

7.2 Conditions for safe storage, including eventual incompatibility

Keep it well away from potentially oxydizing substances, unsaturated gases or vapours that are easily absorbable, direct sources of heat, naked flames or other sources of inflammation as well as direct light sources.
Store in a dry place (UR < 70%) in its original intact packaging.
Storage temperatures below 50°C.
Natural ventilation.
If stored without its original packaging, perform a proper risk analysis beforehand.

7.3 Specific final uses Not
described

8 – EXPOSURE CONTROLS/INDIVIDUAL PROTECTION

8.1 Control parameters

-Components whose limiting values have to be kept under control in the working environment:
Germany: limiting values for the air - alveolar fraction of active carbon: 1.5 mg/m3 (long-term).
Germany: limiting value for the air - breathable fraction of active carbon: 4 mg/m3 (long-term). Long-term (repeated) temporary DNEL inhalation:
-Industrial workers: 3 mg/m3
-Professional workers: 3 mg/m3
-Consumers: 0.5 mg/m3
Appropriate monitoring procedure: monitoring method for standard powder

8.2 Exposure controls -Respiratory
protection:
In the event mild and short exposure, wear a P2 mask or one of higher grade. In the event of intense and lengthy exposure, wear breathing apparatus.
-Hand protection:
Wear category I work gloves made of latex, PVC or an equivalent. For the definitive choice of material, assess the degree of deterioration, time of wear and tear and permeation.
-Eye protection:
Wear protective sealed goggles.

-Skin protection:
Wear work clothes with long sleeves and safety leggings for professional use in that category of work. -Thermal risks:
Not described
Environmental exposure controls:
Use localised suction devices to contain dust dispersal.

9 – PHYSICAL AND CHEMICAL PROPERTIES (L 256/4 – DM 3/12/85)

9.1 Information regarding the fundamental physical and chemical properties -Aspect and colour: Black powder
-Odour: odourless
-Smell threshold: Not applicable
-pH values: Alkaline water suspension
-Change of state melting point
temperature: boiling point
temperature: >1000 °C
-Flame point: Not applicable
-Solid/gas inflamability: Not applicable
-Flashpoint temperature: >210°C
-Decomposition temperature: >1000°C
-Danger of explosion: there are no chemical groups associated with explosive properties in the substance -Upper/lower limit
of inflamability or explosion: Not applicable
-Vapour tension: Not applicable
-Density at 20°C: Not applicable
-Relative density: 200 ÷ 600 kg/m3 (see Comelt technical data sheet)
-Vapour density: Not applicable
-Evaporation speed: Not applicable
-Solubility in/Mixability with: Not applicable
-Coefficient of distribution
(n-Octanol/water) Not applicable
-Viscosity: Not applicable
9.2 Other information Conductive

10 – STABILITY AND REACTIVITY

10.1 Reactivity
There are no special risks of reaction with other substances under normal conditions of use.
10.2 Chemical stability
The product is stable under normal conditions of use and storage.
10.3 Possibility of dangerous reactions
Contact with oxydizing agents (eg. halogens, liquid oxygen, permanganate, ozone) may cause rapid combustion of the product.
10.4 Conditons to be avoided
Accumulation of dust in the environment, humidity and heat sources and/or direct sun rays. Contact with strongly oxydizing substances.
10.5 Incompatible materials
Strongly oxydizing agents, unsaturated oils, metallic salts, gas or vapours that are easily absorbable.
10.6 Dangerous products of decomposition
In the event of a fire, carbon monoxide and carbon dioxide may be released.

11 TOXICOLOGICAL INFORMATION

11.1 Information regarding toxicological effects -Acute toxicity:
On the basis of available data, the criteria of classification have not been met.

-Oral: Method of acute toxological classification (OCSE 423): LD50 > 2000 mg/kg p.c. (female rat).
-Inhalation: Standard acute toxological classification method: LC50 > 8.5 mg/l.
-Skin: highly improbable absorption. There are no known effects on health.
Where not otherwise stated, the data required by Regulation 453/2010/EC given below are to be understood as NOT APPLICABLE (N.A.) Corrosion/irritation of the skin:
On the basis of available data, the criteria of classification have not been met.
-Acute dermic irritation/corrosion (in vivo skin irritation test - OCSE 404): not irritating Serious ocular lesions/serious ocular irritation:
On the basis of available data, the criteria of classification have not been met.
-Acute eye irritation/corrosion (in vivo eye irritation test - OCSE 405): not irritating.
Cutaneous sensitisation:
On the basis of available data, the criteria of classification have not been met -Sample of local lymph nodes: no sensitisation (OCSE 429).
Mutagenicity of stem cells:
On the basis of available data, the criteria of classification have not been met.
-Genetic mutation in bacteria (analysis of inverse mutation/Ames): non mutagenic (OCSE 471).
-In vitro test for chromosomic aberration on mammals: non clastogenic (OCSE 473 guidelines).
-In vitro test for genetic mutation of cells in mammals: non mutagenic (OCSE 476 guidelines).
Cancerogenicity
Information not available.
Three in vitro studies into genotoxicity have shown that the substance does not possess genotoxic properties (it is not mutagenic in Cat. 3) nor yet have any systemic effects been noted (hyperplasis and/or preneoplastic lesions) in the support study on chronic toxicity carried out on three species.
Toxicity for reproduction:
Information not available.
Specific toxicity for organs targeted (STOT) - single exposure:
Information not available.
Specific toxicity for organs targeted (STOT) - repeated exposure:
Information not available.
Danger in the event of breathing it in:
Information not available.
Symptoms/Possible effects:
Contact with the eyes or skin and inhalation may cause irritation due to the abrasive action of the powder.
Delayed or chronic effects from exposure, either in the short- or long-term, have not been noted.

12 ENVIRONMENTAL INFORMATION

12.1 Toxicity
On the basis of its high insolubility in water, no eco-toxicological effects are foreseen for the product.
12.2 Persistence and degradability The product is not biodegradable.
12.3 Bio-accumulation potential
No bio-accumulation effects are foreseen for the product. The particles are not soluble and their size precludes their passing through membranes, given that the substance is made up of particles with a size greater than O.5 µ.
12.4 Mobility on the ground
Information not relevant. The substance is highly insoluble in water.
12.5 Results of the PBT and vPvB assessment
This product des not answer the criteria for PBT or vPvB.
12.6 Other adverse effects Not described

13 – CONSIDERATIONS REGARDING WASTE DISPOSAL

13.1 Method for treating waste

Priority ranking for waste to be respected (Directive 2008/98/EC re. waste, article 4). The danger levels for waste that, in part, include this product must be assessed on the basis of current legislative norms. Disposal should be entrusted to an authorised waste disposal company, with respect for the national and any local norms (Legislative Decree 152/2006 as subsequently amended and completed).
CONTAMINATED PACKAGING
Contaminated packaging must be sent for recovery or disposal, with respect for national norms governing waste management (Legislative Decree 152/2006 as subsequently amended and completed).

14 – INFORMATION ON TRANSPORTATION

14.1 UN Number

ADR, ADN, IMDG, IATA
Not applicable

14.2 Name of shipping under UN code

ADR, ADN, IMDG, IATA
Not applicable

14.3 Classes of danger to do with transportation

ADR, ADN, IMDG, IATA
Not applicable

14.4 Packaging group

ADR, IMDG, IATA
Not applicable

14.5 Dangers for the environment Not applicable **14.6 Special precautions for users** Not applicable

14.7 Transportation of refuse in accordance with attachment II of MARPOL 73/78 and the IBC code

Not applicable
The product is a carbon activated by vapour and, consequently, is not classified as dangerous on the basis of the provisions of current legislation regarding the transportation of dangerous goods by road (ADR), by rail (RID), by sea (IMDG Code) or by air (ICAO/IATA).

15 – INFORMATION REGARDING REGULATIONS

15.1 Specific norms and legislation on health, safety and the environment for the substance or mixture

-Legislative Decree 3/2/1997 n. 52 (Classification, packaging and labelling of dangerous substances)
-Legislative Decree 14/3/2003 n. 65 (Classification, packaging and labelling of dangerous preparations)
Ministry of Labour Decree 26/02/2004 (Limits for professional exposure)
-Ministerial Decree 03/04/2007 (Activation of Directive n. 2006/8/EC)
-Regulation (EC) n. 1907/2006 (REACH)
-Regulation (EC) n. 1272/2008 (CLP)
-Regulation (EC) n. 790/2009 (ATP 1 CLP)
-Regulation (EU) n. 453/2010 (Attachment I)
-Regulation (EU) n. 286/2011 (ATP 2 CLP)
-Restrictions concerning the product or substances contained therein on the basis of Attachment XVII of the Regulations
(EC) 1907/2006 (REACH) as subsequently completed Where
applicable, reference is made to the following norms:
-Ministerial circulars 46 and 61 (Aromatic amines).
-Legislative Decree of 21 September 2005 n. 238 (Seveso Ter Directive) -EC
Regulation n. 648/2004 (Detergents).
-Royal Decree of 9 January 1927 n. 147 (Toxic Gases)
-Legislative Decree 3/4/2006 n. 152 Norms governing the environment.

15.2 Assessment of chemical safety
An assessment of the product's chemical safety has been carried out (see attachment).

16 – OTHER INFORMATION

-Text of the phrases used in paragraph 3:
-Sources:
ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition – Van Nostrand Reinold
CCNL - Attachment 1
Higher Institute for Health - National Inventory of Chemical Substances

The data is given on the basis of our present state of knowledge and does not in any way represent any guarantee as to the characteristics of the product in question at the time of editing this information sheet and does not constitute any legally contractual relation whatsoever.

16 – OTHER INFORMATION (CONT.)

The user's attention is drawn to the risks that might be encountered whenever the product may be used for purposes other than those for which it was meant. This information sheet must not be used or reproduced except for the purposes of prevention and safety. The list of legislative, regulatory and administrative texts must not be considered as exhaustive. It is the duty of the recipient of the product to refer to the official texts for the use, storage and handling of the product, activities for which he alone shall be held liable. The user must, moreover, supply all necessary information regarding safety at work, health protection and protection of the environment to all persons who might come into contact with the product (use, storage, cleaning of containers, various intervention), submitting to them a copy of this Safety Information Data Sheet

- Abbreviations and acronyms:
ADR: European Agreement regarding international transportation of Dangerous goods by Road. CAS: Chemical Abstracts Service (division of the American Chemical Society).
CLP: Classification, Labelling, Packaging.
DNEL: Derived No Effect Level.
EINECS: European Inventory of Existing European Chemical Substances on the market.
GefStoffVO: Dangerous substances order in Germany.
GHS: Global Harmonisation System for classifying and labelling chemical products.
IATA: International Air Transport Association.
IATA-DGR: Dangerous Goods Regulations of the "International Air Transport Association" (IATA).
ICAO: International Civil Aviation Organisation.
ICAO-TI: Technical Instructions of the "International Civil Aviation Organisation'" (ICAO).
IMDG: International Maritime code for (the transportation of) Dangerous Goods INCI: International Nomenclature for Cosmetic Ingredients.
KSt: Coefficient of explosion.
LC50: Lethal concentration for 50 percent of the test population.
LD50: Lethal Dose for 50 percent of the test population. N.A.: Not Applicable
LTE: Long-Term Exposure.
PNEC: Predicted No Effect Concentration.
RID: Regulation regarding International transportation of Dangerous goods by Rail.
STE: Short-Term Exposure.
STEL: Short-Term Exposure Limit. STOT: Organo-specific toxicity
TLV: Threshold Limiting Value.
TWATLV: Timed Weighed Average Threshold Limiting Value over eight hours (ACGIH Standard).
WGK: Classification of dangers for water (Germany).

BL-006.064.0 - Activated carbon powder

Analytical Report

YouWish
Transistorstraat 91-021,
322CL, Almere, The
Netherlands
+31 36 2036384

Reportnr.	: **1610475 version 1**		
Sample Arrival Date	: 08-Apr-2024 11:40	Sampling Date *	: 07-Apr-2024 :
ReportDate Version	: **13-Apr-2024 19:18**	Samplesize (kg)	0,548
Packing	: Plastic, ambient		

Sample information *

Disponent Number	: 00/02/26 2200.88	Product specification	: Actief kool
Sealed / Seal Code	: No /	Reference	: 00/02/26 2200.88

*** Information supplied by customer**

Composition Determination

Common

Parameter	Result (as received)	Result (on dry)	Result (as det)		
Arsenic (via ash preparation)			0,22	mg/kg	
Cadmium (via ash preparation)			0,01	mg/kg	
Lead (via ash preparation)			0,41	mg/kg	

Metal and other elements

Parameter	Result (as received)	Result (on dry)	Result (as det)		
Hg (Mercury.)			< 0,020	mg/kg	R

Analytical Report

Reportnr.	: **1610475 version 1**		
Sample Arrival Date	: 08-Apr-2024 11:40	Sampling Date	*: 07-Apr-2024 :
ReportDate Version	: **13-Apr-2024 19:18**	Samplesize (kg)	0,548
Packing	: Plastic, ambient		

ANNEX

Method Descriptions

Composition Determination

Metal and other elements

Method Description	Method Code
Determination of mercury (Hg); Solid Biofuels : eq NEN-EN-ISO 16968; Coal: eq NEN ISO15237	.

Abbreviations:

acc: in accordance with

eq: Equivalent to