



Certificado de Analisis

Artikel / Product: S[\ [• } • • Á E ã \ [@ ^ / Carbón Activado de Coco
Charge / Lot: 102018
Cad: 09/2024

Carbon content	98.7	%	PSD	Mesh	%
Moisture	1.1	%		100	0.0
AD	0.61	kg/m ³		200	0.1
Iodine	1203	mg/g		325	0.9
Ash	0.2	%		500	14.2
pH	7.0			-500	84.8
MPD (LASER)	15.6	µm			

Chemical Analysis

Arsenic	<0.002	ppm
Lead	<1	ppm
Mercury	<0.005	ppm
Cadmium	<1	ppm

Microbiological Analysis

Total Viable Count, 2 days	<10	cfu/g
Enterobacteriaceae (presumptive)	<10	cfu/g
Escherichia coli (β Glucuronidase positive)	<10	cfu/g
Bacillus cereus (presumptive)	<20	cfu/g
Clostridium sp. (presumptive)	10	cfu/g
Yeasts	<20	cfu/g
Moulds	<20	cfu/g
Salmonella sp. (ELISA)	Not detected	/25g

Dieses Analysenzertifikat entbindet den Abnehmer der Produkte nicht von seiner Qualitätsverantwortung /
Certificate of analysis does not release customers from their quality responsibility when processing our products

Maschinell erstellt, daher ohne Unterschrift gültig.
Established by computer, therefore no signature.

MATERIAL SAFETY DATA SHEET/ HOJA DE DATOS DE SEGURIDAD

Kokosnuss Aktivkohle / Carbón Activado de Coco

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

1.1 PRODUCT IDENTIFIERS

PRODUCT NAME: Kokosnuss Aktivkohle / Carbón Activado de Coco.
INCI : CHARCOAL POWDER
CAS : 7440-44-0
PRODUCT IDENTIFIER: AC325
REACH/EC NUMBER: Approved

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

PRODUCT USE: VAPOUR PHASE ABSORBENT AND CHEMISORBENT
USES ADVISED AGAINST: NONE

1.3 DETAILS OF THE SUPPLIER

SUPPLIER: El Jabón Artesanal Victor Vicente Cordovilla
C/ Rio Tajo nº 53 18110 Las Gabias, (Granada-España)
Telf. (+34) 637594492 eljabonartesanal@hotmail.com

1.3 EMERGENCY PHONE NUMBER

EMERGENCY PHONE: INSTITUTO NACIONAL DE TOXICOLOGIA MADRID 915620420

SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Not a hazardous substance according to regulation (EC) No. 1272/2008

2.2 LABEL ELEMENTS

Labelling in accordance to Regulation (EC) No. 1272/2008

2.3 OTHER HAZARDS

Moist material will selectively adsorb oxygen from air. Enclosed tanks and spaces should only be entered with continuous oxygen monitoring and use of appropriate forced ventilation or a self-contained breathing appliance should be worn. The material is a potential nuisance dust and should be carefully handled to minimise dust generation. Adequate exhaust ventilation should be available to eliminate the risk of dust inhalation or a dust mask should be worn. Avoid contact with eyes and skin.

SECTION 3: COMPOSITION / INFORMATION N INGREDIENTS

Component	Classification	Percentage (weight)
Activated carbon, HDS CAS: 7440-44-0 REACH: 01-2119488894-16-0010	Non hazardous	≤100%
Moisture CAS: N/A REACH: N/A	Non hazardous	≤15%

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4.1 DESCRIPTION OF FIRST AID MEASURES

EYES: Treat immediately by flushing with copious amounts of water or eye bath solution. If redness, itching, or a burning sensation develops consult a physician.
SKIN: Wash the affected area with soap and water
INGESTION: Give water to drink, never administer to an unconscious person. If gastro intestinal symptoms develop consult a physician.
INHALATION: Move person into fresh air. If a cough or respiratory symptoms develop consult a physician.

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4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

See sections 2 or 11.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

SECTION 5: FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Water spray preferable, avoid methods that generate or disturbs excessive dust.

5.2 SPECIAL HAZARDS ARISING FROM SUBSTANCE OR MIXTURE

Used material may release additional combustion products. Airbourne dust is a weak explosion hazard. Wetted material may cause oxygen depletion in confined spaces.

5.3 ADVICE FOR FIREFIGHTERS

Wear self-contained breathing apparatus.

No Data available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Use personal protective equipment. Avoid dust formation. Ensure adequate ventilation. Avoid breathing dust.

6.2 ENVIRONMENTAL PROCEDURES

Do not let product enter water-ways.

6.3 METHODS AND MATERIALS FOR CONTAMINANT AND CLEAN UP

Preferably vacuum up or sweep up and keep in a suitable closed container for disposal.

6.4 REFERENCE TO OTHER SECTIONS

For disposal consideration see section 13, for personal protective equipment recommendations see section 8.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Avoid contact with skin and eyes. Avoid formation of dust. Provide adequate exhaust ventilation where dust is generated.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store indoors or under cover in frost-free conditions. Avoid direct sunlight. Do not store at high temperatures. Keep away from contaminating vapours and sources of ignition. Ensure packaging remains sealed. Keep away from strong acids and strong oxidisers.

7.3 SPECIFIC END USE(S)

See section 1.2

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Carbon						
Limit value type (country of origin)	Substance name	Occupational exposure limit value		Recommended monitoring procedures	Peak limitation	Source
		Long term (mg/m ³)	Short term			
Germany	Activated carbon alveolar fraction	1.5	-	Personal air sampling for alveolar fraction	-	DFG Deutsche Forschungsgemeinschaft: MAK-und BAT-Werte-Liste 2010, Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, Mitteilung 46; VCH
	Activated carbon respirable fraction	4	-	Personal air sampling for respirable fraction	-	
Biological limit values: No biological limit value has been set Additional exposure limits under the conditions of use: None.						
DNEL/DMEL		Exposure route	Exposure frequency	Critical component	Remarks	
Worker	Consumer					
3mg/m ³	0.5mg/m ³	Inhalation	Short term (acute) Long term (repeated)	Activated carbon	The interim inhalation DNEL long-term exposure for local effects was based on OEL (TWA, 8hr) set by the American Conference of Governmental Industrial Hygienists (ACGIH, 2001) for inhalable dust of carbon black. The OEL is intended to minimise excessive dirtiness and effects on lung function	
No PNEC is derived as the substance is highly insoluble and no ecotoxicity information is available.						

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8.2 EXPOSURE CONTROLS

OCCUPATIONAL EXPOSURE CONTROLS

A good basic standard of occupational hygiene is to be implemented for all handling of activated carbon outside a container. Wash hands and face before breaks and immediately after handling the product.

SAFETY CONTROLS

Low oxygen work procedures should be in place – wet activated carbon depletes oxygen from air and, therefore, dangerously low levels of oxygen may be encountered. Whenever workers enter a vessel containing activated carbon, the vessel's oxygen content should be determined and work procedures for potentially low levels of oxygen should be followed. Alternatively the room may be fitted with oxygen level sensors having an alarm setting at 18 vol. %

PERSONAL PROTECTIVE EQUIPMENT

Eye/face protection Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Skin protection Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Full contact Material: Nitrile rubber Minimum layer thickness: 0.11mm Breakthrough time: 480 min Body protection Standard protective work clothes Respiratory protection Where risk assessment shows masks are required due to volumes handled or poor ventilation use type N100(US) or type P3(EN 143) dust masks.

ENVIRONMENTAL EXPOSURE CONTROLS

Product related measures to prevent exposure Local exhaust ventilation to remove material at source Contained storage Regulated waste disposal Do not let product enter drains

INSTRUCTIONAL MEASURES TO PREVENT EXPOSURE

Inclusion of ISO 14001 Appropriate documentation such as work instruction procedures

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL PROPERTIES

Appearance	Form: Solid Colour: Black
Odour	No odour
Odour threshold	N/A
pH	No data available
Melting point / freezing point	>1000°C
Initial boiling point and boiling range	>1000°C
Flash point	N/A
Evaporation rate	N/A
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	N/A
Vapour pressure	N/A
Vapour density	N/A
Relative density (dry)	300-640 kg/m ³
Water solubility	No data available
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	N/A
Explosive properties	No data available
Oxidising properties	N/A

9.2 OTHER SAFETY INFORMATION

The physical and chemical properties of the spent material may be different to that of the virgin carbon.

SECTION 10 : STABILITY AND REACTIVITY

10.1 REACTIVITY

This product shows no reactivity under the specified conditions of storage, shipment, and use.

10.2 CHEMICAL STABILITY

This product is stable under the specified conditions of storage, shipment, and use.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

Contact with strong oxidisers, i.e. chlorine, liquid oxygen, ozone, may result in rapid combustion / possible explosion.

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10.4 CONDITIONS TO AVOID

Keep operating temperatures below 200°C. Do not store in direct sunlight.

10.5 INCOMPATIBLE MATERIALS

Keep away from strong acids and strong oxidisers.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide and carbon dioxide.

SECTION 10 NOTES:

SECTION 11 : TOXICOLOGY INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Activated Carbon			
	Effect Dose	Species	Comments
Acute toxicity, oral	LD50>2000mg/kg bw	Rat, female	Reliable without constriction
Acute toxicity, inhaled	LC0 (1h): 64.4mg/l air (nominal) or 8.5mg/l air (analytical) (no deaths, but multiple effects were observed (contamination of fur, general stress, lung rales, weight loss, lung discoloration))	Rat	Reliable with restrictions

SKIN CORROSION / IRRITATION

Activated carbon, High density skeleton – No data available

SERIOUS EYE DAMAGE / IRRITATION

Activated carbon, High density skeleton – No data available

RESPIRATORY OR SKIN SENSITIZATION

Activated carbon, High density skeleton – No data available

GERM CELL MUTAGENICITY

Activated carbon, High density skeleton – No data available

CARCINOGENICITY

Activated carbon, High density skeleton – No data available

REPRODUCTIVE TOXICITY

Activated carbon, High density skeleton – No data available

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SPECIFIC TARGET ORGAN TOXICITY

Activated carbon, High density skeleton – No data available

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY

No information is available. As activated carbon is highly insoluble in water no toxicity is expected.

12.2 PERSISTANC 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

This mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher

12.6 OTHER ADVERSE EFFECTS

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHOD

Offer surplus and non-recyclable produce to a licensed disposal company. Dispose of contaminated packaging in accordance with regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 UN NUMBER

NONE

14.2 UN PROPER SHIPPING NAME

ADR/RID: Not regulated
AND: Not regulated
IMDG/IMO: Not regulated
ICAO/IATA: Not regulated

14.3 TRANSPORT HAZARD CLASSES

None

14.4 PACKING GROUP

None

14.5 ENVIRONMENTAL HAZARDS

Not Classified

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14.6 SPECIAL PRECAUTIONS FOR USER

See section 2.

14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE

Not applicable.

14.8 ADDITIONAL INFORMATION

Wet activated carbon selectively absorbs oxygen from the air. When entering a confined space with wet activated carbon always use oxygen monitoring equipment.

SECTION 15: REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

No data available.

15.2 CHEMICAL SAFETY ASSESSMENT

For this product a safety assessment was not carried out.

SECTION 16: OTHER INFORMATION

FULL LIST OF H STATEMENTS

None.

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