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		Fecha SEP 2020
CARBON VEGETAL		


Security file

Carboniferous establishment's "EXPAR SA"

Name of the substance: Charcoal (CHARCOAL)

CUIT (TAX) number: 30716421526

RECAR number: 30716421526

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ARGENTINA

Créate By:

Marcos G Funes

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1. IDENTIFICACIÓN DE LA SUSTANCIA Y DE LA EMPRESA

1.1. Product identification:

Name of the product: CARBON VEGETAL (CHARCOAL)

Name IUPAC: Carbon (ESP) / Charcoal (ENG)

RECAR number: 30716421526

CUIT number: 30716421526

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

The charcoal has the following uses identified in its different presentations:

- Outdoor fuel

Uses advised against.

- Fuel for interior

1.3. Data of the security card provider:

EXPAR SA

Address: José Hernandez 270

Floor 8 - Depto Z


(3500) Resistencia, CHACO

ARGENTINA

E-mail: despachante@aduanar.com

1.4. Emergency Telephone (only available during office hours):

+549 3516685009 (Marcos G Funes)

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2. IDENTIFICATION OF HAZARDS

2.1. Classification of the substance:

The substance is not classified as dangerous according to Directive 67/548 / EEC and the regulation EC 1272/2008.

The substance does not contain in its formulation substances dangerous to health or the environment

Environment in accordance with Annex II of Regulation (EC) No. 1907/2006; since it's

Percentage composition is made up of non-dangerous and abundant elements in the Nature.

2.2. Label elements:

Without significant elements

2.3. Other dangers:

In conditions of normal use and in its original form according to the indications of the

Maker; the product has no other negative effect on health or the environment Ambient

3. COMPOSITION / INFORMATION ON THE COMPONENTS


3.1. Identification of the substance

Name of the product: CARBON VEGETAL (CHARCOAL)

Name IUPAC: Carbon (ESP) / Charcoal (ENG)

RECAR number: 30716421526

CUIT number: 30716421526

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The substance is not classified as dangerous according to Directive 67/548 / EEC and the regulation EC 1272/2008.

The substance does not contain in its formulation substances dangerous to health or the environment

Environment in accordance with Annex II of Regulation (EC) No. 1907/2006; since it's

Percentage composition is made up of non-dangerous and abundant elements in the

Nature. Which is offered in the following table:

Paramentes	Unit	Result
1 Higher calorific value s / s at volume cte. cal / g	cal/g	8081
2 Lower calorific value s / s at pressure cte. cal / g	cal/g	7936
3 Carbon, Hydrogen, Nitrogen s / s		
Carbon s / s%	%	87,9
Hydrogen s / s%	%	2,83
Nitrogen s / s%	%	0,31
4 Sulfur s / s%	%	(+)0,13
5 Oxygen s / s%	%	7,69
6 Volatile%	%	16,8
7 Ash%	%	1
8 Humidity	%	4,6

4. FIRST AID


- 4.1. Description of first aid.

Due to the composition and typology of the substances present in the product, no

They need particular warnings.

- Inhalation: Place the victim in the open air, keep him warm and at rest, if breathing

It is irregular or stops, practice artificial respiration. Do not administer anything oral way. Yes

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Is unconscious, put him in an appropriate position and seek medical help.

- Eye contact: In case of wearing contact lenses, remove them. Wash abundantly

The eyes with clean, fresh water for at least 10 minutes, pulling up the Eyelids and seek medical assistance.

- Skin contact: Remove contaminated clothing. Wash skin vigorously with soap and water

Or a suitable skin cleanser. NEVER use solvents or thinners.

- Ingestion: If accidentally swallowed, seek immediate medical attention.

Keep him at rest. NEVER cause vomiting.

- 4.2. Main symptoms and effects, acute and delayed.

There are no known acute or delayed effects from exposure to the product.

- 4.3. Indication of all medical care and special treatments that should be given immediately.

In cases of doubt, or when symptoms of discomfort persist, seek medical attention.

Never give anything by mouth to people who are unconscious.

5. FIRE FIGHT MEASURES

- 5.1. Extinguishing media.

Recommended extinguishing media. Extinguishing powder or CO₂. In case of more serious fires


Also foam resistant to alcohol and water spray. Do not use for jet extinguishing
Direct water

A blanket or tarpaulin can also be used in the initial conditions of the fire to eliminate

The oxygen that feeds the fire.

- 5.2. Specific hazards derived from the mixture.

Special risks the fire can produce a thick black smoke. As a consequence of Thermal decomposition, dangerous products can be formed: carbon monoxide,

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Carbon dioxide. Exposure to products of combustion or decomposition may be harmful to health.

- 5.3. Recommendations for firefighting personnel.

Refrigerate tanks, cisterns or containers near the source of heat or fire with water.

Take into account the direction of the wind. Prevent the products used in the fight against

Fire, go to drains, sewers or water courses.

Fire protection equipment. Depending on the magnitude of the fire, it may be necessary

The use of protective suits against heat, self-contained breathing apparatus, gloves, glasses

Protective or facial masks and boots.

6. ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions, protective equipment and emergency procedures.

For exposure control and individual protection measures, see section 8.

- 6.2. Precautions related to the environment.

Product not classified as dangerous for the environment, avoid as far as possible any dumping.

- 6.3. Methods and material for containment and cleaning.

Collect the spill with non-combustible absorbent materials (earth, sand, vermiculite,

Diatomaceous earth...).

Pour the product and absorbent into a suitable container. The contaminated area must


Clean immediately with an appropriate decontaminant. Pour the decontaminant to the

Remains and leave it for several days until no reaction occurs, in a container without closing.

- 6.4. Reference to other sections.

For exposure control and individual protection measures, see section 8.

For the elimination of waste, follow the recommendations of section 13.

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7. HANDLING AND STORAGE

- 7.1. Precautions for safe handling.

The product does not require special handling measures, the following are recommended

General measures: For personal protection, see section 8. Never use pressure To empty the containers, they are not pressure resistant containers (paper bags).

In the area of application, smoking, eating and drinking should be prohibited.

Comply with the legislation on safety and hygiene at work.

Keep the product in containers of a material identical to the original.

- 7.2. Conditions for safe storage, including possible incompatibilities.

The product does not require special storage measures. As general conditions

Storage should avoid sources of heat, radiation, electricity and contact

With food.

Keep away from oxidizing agents and strongly acidic or alkaline materials.

Store the containers between 5 and 35 °C, in a dry and well ventilated place.

Store according to current legislation. Observe the indications of the tag.

- 7.3. Specific end uses.

No specific uses beyond the permitted uses

8. EXPOSURE CONTROLS / INDIVIDUAL PROTECTION

- 8.1. Control parameters.

The product does NOT contain substances with Exposure Limit Values Professional.


- 8.2. Exposure controls.

Technical measures: Provide adequate ventilation, which can be achieved Through a good extraction-local ventilation and a good general extraction system;

Taking into account that the advised use of this product is abroad.

Respiratory protection: If the recommended technical measures are complied with, it is not necessary

No individual protection equipment. If there is hypersensitivity in the area of the respiratory tract is recommended the use of masks

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Protection of hands:

EPI: Protective gloves

Characteristics: «CE» marking Category II.

CEN standards: EN 374-1, In 374-2, EN 374-3, EN 420

Maintenance of gloves: They should be kept in a dry place, away from possible sources

Of heat, and exposure to sunlight will be avoided as much as possible. I don't know

Modifications on the gloves that may alter their resistance or apply

Paints, solvents or adhesives.

Observations: The gloves must be of the correct size, and fit the hand without being left

Too baggy or too tight. They should always be used with their hands

Protective creams can help protect exposed skin areas, such as

Creams should NEVER be applied once the exposure has occurred.

Eye protection:

EPI: Facial screen

Characteristics: «CE» marking Category II. Eye protector and face against Splashing of liquids.

CEN standards: EN 165, EN 166, EN 167, EN 168

Maintenance: The visibility through the eyepieces must be optimal for which these

Items must be cleaned daily, the protectors must be disinfected periodically

Following the manufacturer's instructions. It will be ensured that mobile parts have a smooth drive.

Observations: Facial screens must have a field of vision with a dimension in The central line of 150 mm minimum, in a vertical sense once fitted in the frame.

Skin care:

EPI: Protective clothing

Characteristics: «CE» marking Category II. Protective clothing should not be narrow or loose so it does not interfere with the user's movements.


CEN standards: EN 340

Maintenance: The washing and storage instructions provided must be followed By the manufacturer to guarantee invariable protection.

Observations: Protective clothing should provide a consistent level of comfort With the level of protection it must provide against the risk it protects against, The environmental conditions, the level of activity of the user and the time of intended use.

EPI: Work footwear

Characteristics: «CE» marking Category II.

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CEN standards: EN ISO 13287, EN 20347

Maintenance: These items adapt to the shape of the foot of the first user. For this

Reason, as for reasons of hygiene, its reuse by another person should be avoided.

Observations: Work shoes for professional use are those that incorporate elements of protection intended to protect the user from injuries that may be caused by

Accidents, you should review the jobs for which this shoe is suitable.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties.

Color: black

PH: not available

Flammability (solid, gas): not applicable

Explosive properties: not applicable

Oxidizing properties: not applicable

Vapor pressure: not available

Relative density: not available gr / cm³

Solubility: Insoluble in water

Partition coefficient (n-octane / water): not available

Viscosity: not available

Vapor density: not available

Evaporation rate: not available

9.2. Other data.

Fat solubility: not available

Water solubility: not available


10. STABILITY AND REACTIVITY

10.1. Reactivity.

The product does not present dangers due to its reactivity.

10.2. Chemical stability

Stable under the recommended handling and storage conditions (see section 7).

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10.3. Possibility of dangerous reactions.

The product does not present the possibility of dangerous reactions.

10.4. Conditions that should be avoided.

Avoid temperatures close to the flash point, do not heat closed containers.

10.5. Incompatible materials

Keep away from oxidizing agents and strongly alkaline or acidic materials, in order

To avoid exothermic reactions.

10.6. Hazardous decomposition products.

In the event of fire, hazardous decomposition products may be generated, such as

Monoxide and carbon dioxide, smoke and nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects.

No data available on product tested.

Repeated or prolonged contact with the product may cause the removal of grease

Of the skin, giving rise to a non-allergic contact dermatitis and to the absorption of the product

Through the skin.

Splashes in the eyes can cause irritation and reversible damage.

No information is available regarding the toxicity of the substances present.

12. ECOLOGICAL INFORMATION

12.1. Toxicity. No information is available regarding the Eco toxicity of the substances present.


12.2. Persistence and degradability

The substance is not classified as dangerous according to Directive 67/548 / EEC and the regulation EC 1272/2008.

The substance does not contain in its formulation substances dangerous to health or the environment

Environment in accordance with Annex II of Regulation (EC) No. 1907/2006; since it's

Percentage composition is made up of non-dangerous and abundant elements in the

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Nature.

12.3. Bioaccumulation potential.

The substance is not classified as dangerous according to Directive 67/548 / EEC and the regulation EC 1272/2008.

The substance does not contain in its formulation substances dangerous to health or the environment

Environment in accordance with Annex II of Regulation (EC) No. 1907/2006; since it's

Percentage composition is made up of non-dangerous and abundant elements in the

Nature...

12.4. Mobility in the soil.

There is no information available on mobility in the soil.

The product must not be allowed to enter sewers or water courses.

Avoid penetration in the field.

12.5. Results of the PBT and vPvB assessment.

Carbons Fergón charcoal is not classified as a PBT substance and MPmB since it is not included within the established criteria

12.6. Other adverse effects

There is no information available on other adverse effects for the environment.

13. CONSIDERATIONS ON ELIMINATION

13.1. Methods for waste treatment.

It is not allowed to be dumped in sewers or water courses. Waste and empty containers must

Handle and dispose of in accordance with current local / national legislation.

Follow the provisions of Directive 91/689 / EEC regarding waste management.

14. INFORMATION CONCERNING TRANSPORTATION
Transport following ADR / TPC standards for road transport, RIDs by

Railways, IMDG by sea and ICAO / IATA for air transport.


Land: Road transport: ADR, Rail transport: RID.

Transportation documentation: Letter of carriage and written instructions.

Sea: Transportation by boat: IMDG.

Transportation documentation: Bill of lading.

Air: Air transport: IATA / ICAO.

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Transport document: Aerial knowledge.

14.1. UN number
UN No.: UN1361

14.2. Official transportation designation of the United Nations.
Descripción: UN 1361 CARBON, 4.2, GE II, (D / E)

14.3. Class (s) of danger for transport.
Class (is): 4.2

14.4. Packing group.
Packing group: II

14.5. Dangers for the environment.
Marine pollutant: No

14.6. Particular precautions for users.
Tags: 4.2

Danger number: 40

Transport by ship, Fem. - Emergency sheets (F - Fire, S -Spills): F-A, S-J
Act according to point 6.

14.7. Transport in bulk according to Annex II of Marpol 73/78 and the Code IBC.

The product is not affected by bulk transport on ships.15. INFORMACIÓN
REGLAMENTARIA

15.1. Regulation and legislation on safety, health and the environment specific to the mixture.

The substance is not classified as dangerous according to Directive 67/548 / EEC and the regulation EC 1272/2008.


The substance does not contain in its formulation substances dangerous to health or the environment

Environment in accordance with Annex II of Regulation (EC) No. 1907/2006; since it's

Percentage composition is made up of non-dangerous and abundant elements in the Nature.

15.2. Chemical safety assessment.

An evaluation of the chemical safety of the product has not been carried out.

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16. OTHER INFORMATION

EDITION DATE MODIFICATIONS REGARDING THE PREVIOUS REVIEW

02 11/16/2015 Modification of criteria according to EC Regulation 2015/830, and

Adequacy of composition and content label

03 10/02/2016 Modification of titles sections 3 and 8, sections 1.2, 1.4, 3.1, 9.2.

Introduction of substance identification

Introduction epigraph 3.1

Introduction content of section 1.4

It is recommended to use the product only for the intended uses.

The information provided in this Safety Data Sheet has been drafted in accordance with

With REGULATION (EU) No 453/2010 OF THE COMMISSION of May 20, 2010 by which

Modifies Regulation (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of

December 18, 2006 relating to the registration, evaluation, authorization and restriction of

Chemical substances and preparations (REACH), which creates the European Agency for


Chemical Substances and Preparations, Directive 1999/45 / EC is amended and the

Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well

Such as Council Directive 76/769 / EEC and Directives 91/155 / EEC, 93/67 / EEC, 93/105 / EC and

2000/21 / EC of the Commission.

The information in this Prepared Safety Data Sheet is based on the Current knowledge and in the current laws of the EC and dangerous nationals according to Directive 67/548 / EEC and regulation EC 1272/2008. In accordance with Annex II of Regulation (EC) No. 1907/2006, in that the working conditions of the users are beyond our knowledge and control. The product must not be used for purposes other than those specified, without first having a written instruction for its handling. It is always the responsibility of the user to

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take the appropriate measures in order to comply with the requirements established in the legislation



EXPAR SA

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FUNES MARCOS G

PRESIDENTE

20-26484639-1