

1. Identifying the Product and the Company

Product Name: Type 10 Natural Rubber
Other forms of identification:
GEB-10 - Brazilian Dark Granulate, class 10.
Recommended use: Raw material for the rubber industry.
Other information: Weight \pm 25Kg
Manufacturer's name: Globorr Indústria e Com., Import and Export of Eireli Rubbers.
Address: Rodovia Assis Chateaubriand s/nº
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2. Hazard Identification

Chemical product classification: Product classified as non-hazardous according to ABNT NBR 14725-2.
Classification system used: ABNT NBR 14725-2:2009 – corrected version 2:2010.
Globally Harmonized System for the Classification and Labeling of Chemicals, UN.
GHS labeling elements: None
Pictograms: Not applicable.
Word of Warning: Not applicable.
Risk and safety phrases or caution:
Flammable solid when exposed to high temperatures!
Wash hands after handling the product.
It is recommended to use suitable PPE when handling the product.
Obtain product information prior to handling.
Store the product in a suitable place.
Danger to human health: Harmless to human health
Environmental effects: Biodegradable and harmless to the environment
Safety Hazard: Keep away from heat sources, hot surfaces, sparks, flames and other ignition sources.

3. Composition and information on ingredients

Chemical identity: Cis - polyisoprene
Common name: Natural rubber
CAS registration number:
Not applicable (natural product)
Impurities and stabilizing additives:
Does not contain

4. First aid measures

Inhalation: Does not emit gases in its natural state
Skin Contact: Product does not pose a risk to the skin.
Eye contact: Wash with running water, in sensitive individuals it may cause mild eye irritation.
Ingestion: In case of ingestion, take the victim to a doctor. The product is not digestive.
Notes to Physician: Not applicable.

5. Fire fighting measures

Suitable fire extinguishing media: Water fog, chemical powder and/or foam extinguisher
Risks in case of fire: Burns at high temperatures emitting carbon dioxide
Safety equipment: Extinguisher, fire hydrant, full protection clothing and autonomous breathing mask.

6. CONTROL MEASURES FOR SPILLS OR LEAKS

For non-emergency personnel: Not applicable, solid and natural material.

For emergency service personnel: Not applicable, solid and natural material.

Environmental Precautions: Prevent the product from reaching waterways and sewers.

Methods and materials for sealing and containment: Not applicable, solid and natural material.

Methods for Cleaning Up: Not applicable, solid and natural material.

7. HANDLING AND STORAGE

Handling: Manual or mechanized.

Safe Storage Conditions: The product is thermally stable under normal storage conditions. Keep away from oxidizing agents and fire. Store protected from sun and rain.

Fire and Explosion Prevention: The product is not expected to present a fire or explosion hazard.

Precautions and Advice for Safe Handling: Handle in a well-ventilated area or with a general local exhaust/ventilation system.

Hygiene measures: Wash hands and face thoroughly after handling and before eating, drinking, smoking or using the toilet.

Conditions for safe storage: Keep the packaging closed, in a dry and ventilated place, sheltered from the weather.

Packing materials: Similar to the original packaging.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Occupational exposure limits: Not specified by Brazilian legislation. When working with the product, it is recommended that the tolerance limits of the ingredients are observed.

Hand protection: Not required.

Eye protection: Not required

Skin protection: Not required

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid, brown, slightly sticky substance

Smell: Mild, characteristic

Odor Threshold: -----

PH: Not applicable

Melting point/freezing point:-----

Initial boiling point and boiling range: Not applicable

Flash point: > 400°C

Evaporation rate: Not applicable

Flammability (solid, gaseous): -----

Explosive limits: Not applicable

Steam pressure: -----

Vapor Density: -----

Relative density: 0.91 g/cc

Solubility: -----

n-octagonal/water partition coefficient: -

Auto-ignition temperature: > 400°C

Decomposition temperature: 220°C

Viscosity: -----

Specific gravity: ≈ 0.93

10. STABILITY AND REACTIVITY

Reactivity: Stable product under normal conditions of temperature and pressure.

Chemical stability: Stable product under normal storage conditions.

Possibility of hazardous reactions: None.

Conditions to Avoid: Contact with strong oxidizing agents and heat sources.

Incompatible Materials or Substances: Strong oxidizers.

Hazardous decomposition products: Carbon dioxide

11. TOXICOLOGICAL INFORMATION

Inhalation: None

Corrosive / Irritation / Contact with the skin: Product does not present risks to the skin, classified as non-irritant and non-corrosive.

Contact with the eyes: Wash with running water, in sensitive individuals it may cause slight eye irritation.

Ingestion: In case of ingestion, take the victim to a doctor. The product is not digestive.

Acute Toxicity or Aspiration Hazard: Not classified as acute oral or dermal toxicant. The product is not expected to present an aspiration hazard.

Germ Cell Mutagenicity: Not classified as mutagenic.

Carcinogenicity: Not classified as carcinogenic to humans.

Specific Target Organ Toxicity - Single Exposure: No single exposure toxicity is expected.

Specific target organ toxicity - repeated exposure: Repeated exposure toxicity is not expected.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Harmless to aquatic organisms and harmless to the environment

Persistence and degradability: Biodegradable.

Bioaccumulative potential: None

Soil Mobility: None

Other Adverse Effects: Not available.

13. TREATMENT AND DISPOSAL CONSIDERATIONS

Waste treatment:

- Packaging: Dispose of according to local legislation.

- Product: As per local legislation. Do not dispose of in sewers, rivers, lakes and other water sources.

Product leftovers: Keep product leftovers in their original and properly closed packaging. Disposal must be carried out as established for the product.

Packaging: Do not reuse empty packaging. These may contain product residues and must be kept closed and sent for proper disposal as established for the product.

14. TRANSPORT INFORMATION

UN number: Product not classified as dangerous by the legislation on the transport of dangerous goods.

UN proper shipping name: Product not classified as dangerous.

Transport risk class: Not classified as dangerous.

Packing group: Not applicable

Environmental hazards: None

Special Precautions: None

Land regulation: National Land Transport Agency – Law 10233 of June 5, 2001. ABNT NBR 7503/08.

15. REGULATORY INFORMATION

See ABNT/CEE-125 - Raw materials for use in the rubber industry.

NBR 14725-4:2014 issued by ABNT – Brazilian Association of Technical Standards.

Specific safety, health and environmental regulations for the chemical:

Brazil – Ministry of Labor and Employment – nr 26 – decree 229. Brazil – Ministry of Transport – ANTT – Resolution nº 420.

Brazil - ABNT NBR 14725, parts 1, 2, 3 and 4.

Brazil – Ministry of Labor and Employment – Decree 2657.

16. OTHER INFORMATION

The information contained in this sheet was based on our experience with the product and on data presented in technical publications. As this information may be applied under conditions beyond our control, it is the responsibility of the user of this sheet to determine their suitability for taking necessary safety precautions or for their particular purposes. It is up to the company that uses the product to promote the training of its employees and contractors regarding the possible risks arising from the product.

References:

[ABNT] BRAZILIAN ASSOCIATION OF TECHNICAL STANDARDS NBR 14725.

[BRAZIL – RESOLUTION No. 420] BRAZIL. Ministry of Transport. National Land Transport Agency.

[ECHA] European Union. ECHA European Chemical Agency.

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