

1 - IDENTIFICATION OF THE COMPANY'S PRODUCT

| | |
|------------------------------------|--|
| Product's name | GEB10 - Brazilian Dark Granules, class 10. |
| Recommended use | Raw material for the rubber industry |
| Manufacturer identification | Globorr Industry and Commerce, Import and Export of Rubber Eireli. |
| Physical address | Assis Chateaubriand Highway s/n° - KM 164 – Rural Zone - Guapiaçu - SP – Brazil. |
| E-mail | sgq@globorr.com.br |
| Telephone | + 55 17 3042-1390 |
| Emergency phone | 911 |
| Other information | Natural rubber bale weight ± 25Kg |

2 - HAZARDS IDENTIFICATION

| | |
|---|--|
| Chemical Product Classification | Natural isoprene polymer |
| Application system | Not classified as dangerous according to the GHS |
| Other hazards that do not result in a rating | None |
| GHS labeling elements | Not applicable. |
| Pictograms | Not applicable. |
| Word of Warning | Not applicable. |
| Hazard phrase | No hazard phrases required |
| Precautionary recommendations | <p>Prevention: Use personal protective equipment as necessary to avoid prolonged skin contact.</p> <p>Emergency response: In case of fire, use appropriate fire extinguishers (dry chemical, CO2, foam).</p> <p>Storage: Store in a cool, dry and well-ventilated place, away from sources of heat and ignition.</p> <p>Disposal: Dispose in accordance with local and national regulations.</p> |
| 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 sources of ignition. |
| Chemical classification | Product classified as non-hazardous according to GHS |
| Application system | Globally Harmonized System (GHS) for the Classification and Labeling of Chemicals, UN. |
| Hommel diagram | Not applicable. |

3 – COMPOSITION AND INFORMATION ABOUT INGREDIENTS

| | |
|--|--|
| Product type | Brazilian Dark Granules (GEB10) |
| Chemistry nature | Cis - polyisoprene (natural rubber) |
| CAS Number | 9006 - 04 - 06 |
| Ingredients and impurities that contribute to the danger such as: | Not applicable, as the product does not contain ingredients or impurities that contribute to significant danger. |
| System of | FDS/SDS, HS Code for composition and ingredient information |

4 – FIRST AID ACTIONS

| | |
|-----------------------------------|--|
| General first aid measures | In case of doubts or persistent symptoms, seek medical assistance. Keep the victim calm and at rest. |
|-----------------------------------|--|

4 – FIRST AID ACTIONS

| | |
|---|---|
| Ingestion | Do not induce vomiting. Rinse your mouth with water and seek medical attention immediately. |
| Eye contact | Rinse eyes immediately with plenty of water. If eye irritation persists, consult a doctor. |
| Skin contact | Wash the affected area with soap and water. If irritation or allergy occurs, seek medical advice. |
| Inhalation | Not applicable, as the product does not emit gases in its natural state. |
| Actions that should be avoided | Avoid contact with heat sources, hot surfaces, sparks, flames and other sources of ignition. Avoid prolonged contact with the skin in cases of sensitivity. |
| Main symptoms and effects | May cause mild eye irritation in sensitive individuals. Generally, there are no other significant adverse symptoms. |
| Protection measure for the firefighting team and people involved | Use appropriate protective equipment, including gloves, flame-retardant clothing, respiratory and eye protection. In case of fire, use dry chemical, CO ₂ or foam extinguishers. |
| Notes to doctor | Symptomatic treatment. The product is non-toxic, but if ingested, treat according to the symptoms presented. |

5 – FIRE FIGHTING MEASURES

| | |
|---|---|
| Extinguishing media | Water spray, dry chemical extinguishers, CO ₂ (carbon dioxide), or foam. |
| Specific hazards of the mixture or substance | The product is not flammable under normal conditions, but can generate smoke and toxic gases in case of combustion, such as carbon monoxide (CO) and carbon dioxide (CO ₂). |
| Special fire fighting methods | Cool containers exposed to fire with water spray to prevent explosions. Remove containers from fire area if this can be done without risk. Use water jets to disperse the vapors. |
| Special equipment to protect the people involved | Complete personal protective equipment (PPE), including fire protective clothing, gloves, boots, self-contained breathing apparatus (SCBA), and eye/face protection. |

6 – CONTROL MEASURES FOR SPILLS OR LEAKS

| | |
|---|--|
| For emergency service personnel: | Use suitable PPE for handling rubber blocks, such as protective gloves and safety glasses. Follow established emergency procedures to ensure safety. |
| For non-emergency personnel: | Avoid direct contact with the rubber blocks and evacuate the area in case of an incident. |
| Removal of ignition sources: | Turn off nearby electrical equipment and avoid using open flames in the handling area. |
| Inhalation prevention: | It is not necessary, as the rubber blocks do not generate dust or particles during handling. |
| Prevention of skin contact: | Although I do not report skin irritation when handling the rubber blocks without gloves, it is important to remember that some people may be sensitive to certain materials or components present in the rubber. Therefore, the use of protective gloves is recommended as a preventive measure. |

6 – CONTROL MEASURES FOR SPILLS OR LEAKS

| | |
|--|---|
| Prevention of contact with eyes and mucous membranes: | Likewise, although there have been no reports of eye or mucous membrane irritation when handling the rubber blocks without eye protection, it is possible that some people are sensitive to certain components. Therefore, it is advisable to wear protective glasses to prevent possible irritation. |
| Environmental precautions: | Ensure proper disposal of waste rubber in accordance with local environmental regulations. |
| Alarm systems: | Activate alarm systems only in emergencies involving fire or other immediate danger. |
| Cleaning methods: | Not applicable, as rubber blocks do not generate residue that requires cleaning. |
| Disposition: | Not applicable, as rubber blocks do not generate residue that requires cleaning. |
| Prevention of secondary hazards: | Identify and mitigate possible secondary risks during the handling and storage of rubber blocks. |
| Differences in the action of large and small leaks: | Not applicable as rubber blocks are not liquid and are not subject to leaks. |

7 – HANDLING AND STORAGE

| | |
|--|---|
| Fire and explosion prevention: | Keep rubber blocks away from sources of ignition and excessive heat. Use appropriate fire protection equipment in the storage area. |
| Precautions for safe handling: | Handle the rubber blocks with care to avoid falls and injuries. Avoid prolonged contact with skin and eyes. |
| Handling guidelines: | Lift the rubber blocks appropriately, using lifting equipment when necessary. |
| Appropriate and inappropriate general warnings: | Appropriate: "Handle with care to avoid injury." Inappropriate: "May be ingested". |
| Storage: | Store rubber blocks in dry, well-ventilated areas, away from flammable and corrosive substances. |
| Storage conditions: | Keep the rubber blocks at room temperature, protected from direct sunlight and extreme temperature variations. |
| Packaging materials: | Use resistant and waterproof packaging to protect the rubber blocks against damage and contamination. |
| General hygiene recommendations: | Wash your hands after handling rubber blocks and avoid eating, drinking or smoking while working. Use personal protective equipment as necessary. |

8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

CONTROL PARAMETERS

| | |
|--|---|
| Occupational exposure limits | Not applicable (natural rubber blocks do not have specific occupational exposure limits). |
| Biological indicators | Not applicable (does not apply to this case). |
| Other limits and values | Not applicable (does not apply to this case). |
| Engineering control measures | Implement adequate ventilation in handling areas to reduce exposure to dust and particles. |
| Recommended monitoring procedures | Conduct air quality monitoring to check for the presence of suspended particles during the handling of rubber blocks. |

PERSONAL PROTECTIVE EQUIPMENT

8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

| | |
|---------------------------------|--|
| Respiratory protection | Not necessary, as natural rubber blocks do not generate dust or particles during handling. |
| Eye protection | Use safety glasses or face shields to prevent eye injuries, although the risk is low due to the solid nature of the material. |
| Skin and body protection | Although there is no significant risk, use protective gloves to avoid potential skin irritation when handling rubber blocks. |
| Thermal hazards | There is no significant risk of thermal hazards when handling natural rubber blocks under normal ambient temperature conditions. However, it is important to avoid prolonged exposure to excessive heat to prevent softening or deformation of the blocks. |

9 – PHYSICAL-CHEMICAL PROPERTIES

| | |
|--|--|
| Appearance (physical state, form, color) | Solid substance, brown, slightly sticky. |
| Odor and odor threshold | Mild, characteristic. |
| pH | Not applicable (solid). |
| Melting point | 180-220 °C (varies with purity). |
| Freezing point | Not applicable. |
| Boiling point | Not applicable (decomposes before reaching boiling point). |
| Flash point | Not applicable (solid). |
| Evaporation rate | Not applicable. |
| Flammability (solid, gas) | Not applicable. |
| Lower/upper flammability or explosive limits | Not applicable. |
| Vapor pressure | Practically none at 20 °C. |
| Relative vapor density | Not applicable. |
| Relative density | 0.91 g/cc |
| Solubility | Insoluble in water, soluble in organic solvents such as benzene and toluene. |
| Octanol/water partition coefficient (log Kow) | Not available. |
| Auto-ignition temperature | > 400 °C |
| Decomposition temperature | 220 °C |
| Kinematic viscosity | Not applicable (solid). |
| Other information | Shore A hardness value: 0.93 |

10 – STABILITY AND REACTIVITY

| | |
|---|---|
| Chemical stability | Stable under normal use and storage conditions. |
| Hazardous reactions | Does not react dangerously under normal conditions. |
| Conditions to avoid | Exposure to excessive heat, ignition sources, and prolonged direct sunlight. |
| Hazardous decomposition products | May release carbon monoxide, carbon dioxide, and other toxic gases when thermally decomposed. |
| Incompatible materials or substances | Strong oxidizing agents, strong acids, and strong bases. |

11 – TOXICOLOGICAL INFORMATION

| | |
|---|--|
| Acute toxicity | Not toxic in solid state. |
| Skin corrosion/irritation | Not known to cause skin irritation. |
| Serious eye damage/eye irritation | Not known to cause eye irritation. |
| Respiratory or skin sensitization | Not known to cause respiratory or skin sensitization. |
| Germ cell mutagenicity | Not known to cause germ cell mutagenicity. |
| Carcinogenicity | Not known to be carcinogenic. |
| Reproductive toxicity | Not known to cause reproductive toxicity. |
| Specific target organ toxicity – single exposure | Not known to cause specific target organ toxicity after single exposure. |
| Specific target organ toxicity – repeated exposure | Not known to cause specific target organ toxicity after repeated exposure. |
| Aspiration hazard | Does not present an aspiration hazard, as it is a solid material. |

12 – ECOLOGICAL INFORMATION

| | |
|----------------------------------|---|
| Bioaccumulative potential | Low potential for bioaccumulation. |
| Mobility | Low mobility in soil and water due to its solid form and insolubility in water. |
| Persistence/degradability | Highly persistent in the environment, natural degradation occurs slowly. |
| Ecotoxicity | Not considered toxic to the aquatic or terrestrial environment. |
| Other adverse effects | No other significant adverse effects are known. |

13 – TREATMENT AND DISPOSAL CONSIDERATIONS

| | |
|---------------------------------------|---|
| Treatment and disposal methods | Rubber blocks should be recycled or disposed of according to local regulations. |
| Product and packaging residues | Should be sent for recycling or disposed of in compliance with local environmental regulations. |
| Used packaging | Should be recycled or properly disposed of in accordance with local regulations. |

14 – TRANSPORTATION INFORMATION

| | |
|------------------|---|
| Land | Not regulated for land transportation (not classified as hazardous). |
| Water | Not regulated for water transportation (not classified as hazardous). |
| Air | Not regulated for air transportation (not classified as hazardous). |
| UN Number | Not applicable (not classified as hazardous). |

15 – REGULATIONS

| | |
|--------------------|---|
| Regulations | 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 product: 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

| | |
|-------------------------------|--|
| Important information: | This SDS has been prepared according to current knowledge regarding the proper handling of the product and under normal conditions of use. Other |
|-------------------------------|--|

16 – OTHER INFORMATION

forms of use, different from those specified on the packaging, are the responsibility of the user. Since this information may be applied under conditions beyond our control, it is the responsibility of the user of this data sheet to determine its suitability for adopting necessary safety precautions or for their particular purposes.

Legends and abbreviations:

PPE: Personal Protective Equipment.
ABNT: Brazilian Association of Technical Standards.
NR: Regulatory Standard.
ANTT: National Land Transportation Agency.
NBR: Brazilian Regulatory Standard.
UN: United Nations.
CAS Number: Chemical Abstracts Service Registry Number.

Form prepared in accordance with NBR 14725:2023

Consult the label for instructions for use.

If clarification or additional information is needed, consult the manufacturer.