TECHNICAL DATA SHEET

Synthetic absorbent for petroleum and petroleum derivatives

Developed to absorb hydrocarbons such as oils, greases, fuels (diesel, gasoline, kerosene), lubricants and petroleum derivatives. The synthetic polymer interacts physically with oils and petroleum derivatives without undergoing chemical reactions during absorption. It works through selective physical interaction, ensuring high efficiency in hydrocarbon absorption while repelling water.

Technical clarification

Our absorbents comply with ASTM F726-17, Standard Test Method for Sorbent Performance of Absorbents; the requirements of ISO 14001 (clause 4.4.7 - Environmental Emergency Preparedness and Response); Federal Law No. 9.605/98 (Environmental Crimes); and Regulatory Standard NR-20 (Occupational Safety and Health with Flammables and Fuels).



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Technical specifications

Composition: 100% hydrophobic polypropylene (repels water; absorbs only oils and petroleum derivatives).

Code	Description	Absorption	Appearance	Packaging
299	SYNTHETIC ABSORBENT FLAKES 100% PP	10 to 15 times its weight	Lightweight, white material in irregular flakes with a soft texture.	1 kg
300	SYNTHETIC ABSORBENT 100% PP	10 to 15 times its weight	White material with a fine particle size.	3 kg
275	SYNTHETIC ABSORBENT FLAKES 100% PP	10 to 15 times its weight	Lightweight, white material in irregular flakes with a soft texture.	5 kg
27	SYNTHETIC ABSORBENT FLAKES 100% PP	10 to 15 times its weight	Lightweight, white material in irregular flakes with a soft texture.	10 kg
411	SYNTHETIC ABSORBENT 100% PP	10 to 15 times its weight	White material with a fine particle size.	10 kg
210	CRYSTALLIZED ABSORBENT FLAKES 100% PP	10 to 15 times its weight	Material consisting of irregular microgranules with a crystallized appearance.	10 kg

Values determined using the ASTM F726-17 method; they vary according to oil type and viscosity.

Physical properties

Color: White.

Odor: Neutral, with no characteristic smell. Non-toxic product; no vapor or odor emissions during use.

Solubility: Insoluble in water.

Flash point: Does not spread fire.

Buoyancy: Maintained even when saturated.

Control and disposal measures

Treatment and disposal must be assessed specifically for each environment, and federal, state and municipal legislation must be consulted, including Law No. 12.305 of 02 August 2010 (National Solid Waste Policy) and Law No. 7.802 of 11 July 1989.

Toxicological information

Toxicity: No potential for toxicity.

Respiratory or skin sensitization: The product does not cause respiratory or skin sensitization.

Tax classification

5402.34.00

Use

Apply directly to concentrated spills; ideal for areas where oil or fuel accumulates in greater quantities. Used for spills on land or water. Ideal for replacing sawdust or natural peat.

Storage

Store in a dry, ventilated place protected from sunlight. Keep the original packaging closed until use. Do not place excessive weight on the packages.

Service life

Varies according to the conditions of use and storage.

Shelf life

Indefinite, provided the product is stored according to the storage instructions.