

Crunch Oil[®]

HYDROCARBON ABSORBENTS



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SAPONITE VOLCANIC CLAY



The SAPONITE Green Clay is a natural absorbent of volcanic origin, with high exchange of adsorbent ions, catalytic and filtration characteristics.

100% natural, Eco-Cert certified (France).

It has the capacity to absorb hydrophobic substances such as hydrocarbons, oils, greases, proteins, and repel water becoming hydrophobic. In its natural state it is oleophilic (it absorbs oil quickly), highlighting within its properties, its great power as odor neutralizer.



ADVANTAGES

- 100% natural
- Hydrophobic (repels water).
- It has the capacity to absorb ammonia.
- Fireproof.

APPLICATIONS

Focused on the care of the environment, we offer our clay to be used in:

- Spills of hydrocarbons, oils and lubricants.
- Treatments of organic and inorganic muds, organic and inorganic liquids.
- Recovery of contaminated soils.
- Food Industry.
- Refineries and petrochemicals.
- Service stations, highways, roads and transport companies.
- To improve the agrochemical properties of soils and absorb harmful and toxic substances and spots.

Maintenance: Universal Absorbents for liquids in general.

Environmental: Oleophilic absorbents that absorb hydrocarbons.

Chemicals: Universal absorbents resistant to aggressive liquids. They absorb all liquids but are especially useful for the absorption of acids, bases and unknown substances.

PRESENTATION

Code	Product	Weight
110427	Bag	10 kg
	Bag	25 kg
	Big Bag	1000 kg

PHYSICAL AND CHEMICAL PROPERTIES

- Physical appearance: Green clay.
- Humidity: 4-7%
- PH: 8-9
- Absorption capacity: 1:1 aprox

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COMPATIBLE LIQUIDS

Universal Absorbent is resistant to aggressive liquids. They absorb a wide variety of substances, but they are specifically designed to absorb acids, bases, and unknown liquids.

STORAGE

It is advisable to store it in dry places, keeping the containers closed and preferably placed on pallets.

LIMITATIONS

It is advisable to carry out a compatibility test before using the absorbent on the liquid.

FINAL DISPOSAL

Contaminated products can be sent to final disposal through incineration facilities or landfills, according to the legislation of each site.

Mineral	Wt%	Area%	Area(μm ²)	Particles	Grains
Quartz	20,32	19,25	9.151.815	33.236	37.229
Saponite	47,43	51,29	24.376.819	102.341	336.824
Clinochlore	0,15	0,14	68.884	1.153	1.237
Calcite	1,14	1,3	615.974	7.849	8.511
Ankerite	0	0	1.590	9	10
Dolomite	0,08	0,07	32.806	221	222
Biotite	4,32	3,47	1.647.652	16.123	19.018
Albite	9,96	9,45	4.493.646	18.272	19.796
Orthoclase	3,62	3,52	1.672.541	6.176	6.739
Plagioclase	11,7	10,64	5.056.518	75.445	1.215.364
Clinopyroxene	0,27	0,2	94.809	504	552
Titanite	0,15	0,11	52.240	489	521
Ilmenite	0,11	0,06	26.644	450	461
Rutile	0,05	0,03	16.474	114	117
Rutile-Biotite	0,06	0,03	16.041	531	588
Hematite	0,06	0,03	13.358	212	216
Apatite	0,09	0,07	34.925	573	587
Zircon	0,01	0,01	3.613	24	24
Corundum	0,08	0,05	22.195	753	758
Iron	0	0	720	6	8
Ba Mineral	0	0	1.761	12	13
Unknown	0	0,01	3.250	134	143
Low Counts	0,02	0,05	25.552	1.677	1.684
No X-Rays	0,09	0,22	103.791	43.194	43.206
TOTAL	100	100	47.530.617	197.625	1.693.801