360 ECO® PACKAGING

Dessicant Salts

Dessicant Salts are indicated to significantly lower the moisture content inside the containers 20/40 ft, avoiding that thermal changes cause condensation and the consequent damage to the goods placed in the Containers. The number of bags to be used must be suitably sized according to the size of the container (20ft or 40ft) and the type of goods to protect.

Dessicant raw material

Composition

- Calcium Chloride is the active material that ensures the high absorption of water vapour. When Calcium Chloride absorbs water, it tends to liquefy.
  The addition of Sepiolite Clay ensures that the Calcium Chloride that has absorbed water remains sufficiently dense and compact inside the bag.

Material	% in peso	CAS no.	EC / List no.
Sepiolite Clay	80 %	63800-37-3	264-465-3
Calcium Chloride	20 %	10043-52-4	233-140-8

Wrapping material

- The Bags wrapping is made of non-woven fabric that allows the absorption of water vapour inside the bag. This material guarantees high mechanical resistance and retains dust inside the bag.

Hanging system

- The bags can be equipped with suspension systems to facilitate their positioning in the various points of the container: **tape, hook**

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Technical specifications

Property		Condition	Typical value	UM
Absorption Capacity	500 g bag	25 ± 5 C° - RH=80% 30 days	≥ 240	g H2O
	1000 g bag		≥ 480	g H2O
	2000 g bag		≥ 960	g H2O
Absorption rate of the active material	1 day	25 ± 5 C° - RH=80%	≥ 22	%
	5 days		≥ 100	%
	30 days		≥ 240	%

Sizes

- The Bags are available in different sizes.

Bag weight (g)	Approx. width (mm)	Approx. length (mm)
500	140 ± 2	200 ± 10
1000	140 ± 2	300 ± 10
2000	140 ± 2	450 ± 10

Labelling

Pictogram GHS07	
Tense 319	*"Causes serious eye irritation"*

Packaging

- The Bags are packed inside sealed HDPE containment bags. There are different configurations in terms of the number of Desiccant Bags inside each HDPE bag and the number of HDPE bags inside the box. The configurations depend on the size of the Bags and the needs of the customer.

Storage

- Store the Bags in the original packaging in a dry and sheltered place. If you use a smaller number of bags than the one contained inside the protective HDPE bag, close the bag hermetically as soon as you have taken the sample.

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