

## MATERIAL SAFETY DATA SHEET

Sachets are used to reduce the level of ethylene very effectively during the transport and storage of a wide range of fruits and vegetables.

PRODUCT IDENTIFICATION	
Product Name	Ethylene Absorbent BYOGUARD
Product Description	Ethylene Absorbent Sachet
Chemical Name	Calcium, Sodium, Potassium aluminosilicates
Thermal Stability	< 450° C
PRODUCT PRESENTATION	
Container	Sachet of 5 to 7 gr
Form	Granular
Envelope Material	Tyvek ® (Registered Trademark of DUPONT)
Caducity	2 years (under proper storage conditions)
Height (mm)	75
Width (mm)	34
Units per Bag	250
Bags per Box	10
Units Per Case	2500
REGULATIONS	
SQF	Food Safety Audit
FDA	Requirements of Title 21
Comission Regulation (EC)	No 2023/2006
Commision Regulation	(EU) No10/2011
APPLICATIONS	
Ethylene absorbent in fruits, vegetables and flowers. They are placed inside the fruit boxes/bags in direct contact with the fruit	
PROCEEDS	
<ul style="list-style-type: none"> <li>• Increased ROI of your economic benefit</li> <li>• Added value of your brand</li> <li>• Reduces shrinkage and prolongs shelf life</li> <li>• Environmentally friendly</li> <li>• Does not come into contact with fruit</li> <li>• It is not an additive, nor a pesticide</li> <li>• Leaves no residue</li> <li>• Compatible with other authorized compounding treatments or applications</li> <li>• Usable in organic farming products</li> <li>• Eliminates bad odors from cameras</li> <li>• Easy Installation</li> </ul>	

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HEALTH RISK	
The World Health Organization has stated that there is little evidence of the carcinogenicity of crystalline silica to humans. This product has not been classified as carcinogenic	
Medical conditions that can be aggravated	Intestinal disease if swallowed
Objective bodies	Intestines
Main entrance road	Intake
Chronic effects	Not applicable
Acute effects	Not applicable
Ingestion	Irritation of the digestive tract
Inhalation	Not applicable
Skin Contact/Absorption	Not applicable
Eye contact	Not applicable
FIRE AND EXPLOSION	
Unusual fire and explosion hazards	There is no danger
The means of extinguishing	Not applicable to the product
Flash Point	Not applicable to the product
Flammability Rating	Not applicable to the product
REACTIVITY	
Stability	Stable
Incompatibility	They do not know each other
Dangerous decomposition	They do not know each other
Conditions to avoid	They do not know each other
FIRST AID	
If swallowed, induce vomiting to expel the product and go to the doctor	
PRODUCT HANDLING	
No protection is necessary	

TRANSPORT INFORMATION	
UN Number	(Not subject to transportation regulations)
Official United Nations Transport Designation	No relevant
Transport Hazard Class(es) Class	No relevant
Packaging Group	Not applicable.
Environmental Hazards	To date, there are no known symptoms and effects
Particular precautions for users	No data available
Bulk transport in accordance with MARPOL Annex II and the IBC Code	No data available
Information for each of the United Nations Model Rules of Procedure	<ul style="list-style-type: none"> <li>• Transport of dangerous goods by road, rail or inland waterway (ADR/RID/DNA)</li> <li>• Not subject to ADR, RID and DNA</li> <li>• International Maritime Dangerous Goods Code (IMDG)</li> <li>• It is not subject to the IMDG.</li> <li>• International Civil Aviation Organization (ICAO-IATA/DGR)</li> <li>• It is not subject to ICAO-IATA.</li> </ul>
Tariff Heading	38.24.99.99 *