



PRODUCT NAME –KEEP IT FRESH BAGS

TECHNICAL DATASHEET

PRODUCT CODE – KIF 745

PRODUCT DESCRIPTION

Product KEEP-IT-FRESH films and bags contains Special properties of shelf life enhancement of fresh and vegetables from 40% to 400%. Fresh Vegetables and Fruits start to ripen after harvesting and during the ripening process, the fruits and vegetables release ethylene gas.

This ethylene gas in the package increases the ripening rate of the fresh produce hence aggravating the ripening process resulting into faster rotting of the fresh produce. The ethylene gas produced works as a auto catalyst for ripening which in turn produces higher sugar levels causing microbial spoilage of the fruits.

The plastic articles produced by using KEEP-IT-FRESH absorb the harmful ethylene gas Produced hence slowing the ripening and rotting process and increasing the shelf life of the Packed produce.

The film produces shows upto 5 times increases in the shelf life of bananas kept without packaging and improves the shelf life of tomatoes by upto 3 times.

Tests performed on various fresh fruits and vegetables shows that the produce kept in open started to rot in 3-5 days where as the ones in the KEEP-IT-FRESH bags were good even on the 10th day compared to the ones in generic plastic bag.

FEATURES

1. Absorption of Ethylene – The ethylene produced by the fresh produce is absorbed by the special minerals in the sachet that selectively absorb ethylene molecules.
 2. Oxidation of Ethylene – The Ethylene is attracted towards the media in the sachet and gets oxidized to water and carbon dioxide.
 3. Absorption of moisture – The excessive moisture produced within the package is also absorbed which in turn inhibits microbial growth within the package.
 4. VBI – The option of having a Natural Vaporising Bio Inhibitor is available with these sachets. The active ingredient is a natural plant extract, which has the capability to inhibit microbial growth in its presence.
 5. The film has special macro and micro pores to allow breath ability of moisture and the antifog properties do not allow the mist to settle in the packaged films.
- Removes ethylene, mould and fungal growth, decay, discoloration, uneven ripening, wilting, softening, scald, loss of crunch, tenderness, weight loss and other effects caused by ethylene gas

Keep It Fresh LLP - 18 Sec 6 Manesar, Gurugram, India
USA - 14310 Gannet St , La Mirada, California
info@keep-it-fresh.com www.keep-it-fresh.com
Italy | France | India | China | Mexico





PRODUCT NAME –KEEP IT FRESH BAGS

TECHNICAL DATASHEET

PRODUCT CODE – KIF 745

- Use during postharvest handling of produce (fresh fruits, vegetables and flowers)
- Slows down the ripening process
- Use during storage or domestic and international shipments like via air, sea, reefer vans, train trucks, moving coolers, kitchen refrigeration units and cold storage's
- Nature friendly, made up of natural minerals, chemically inert and non-toxic
- Can be decomposed of as normal waste
- KIF Films are biodegradable (OXO-CERTIFIED)

Protection of Fresh fruits, vegetables and flowers from ethylene effect. Increases the shelf life of produce. Works on 3 way action system ethylene and volatile bacterial inhibition (VBI).



KIF POMEGRANATE BAGS

USAGE

Simply pack the produce in the right sized bag in conventional way. KIF modified atmosphere packaging create a balance atmosphere inside bag and extends the shelf life of packed fresh fruit and vegetables. This would depend upon the kind of fresh produce and the quantity of ethylene produced.



KIF OKRA BAGS

APPLICATIONS

- Fruit corrugated boxes (export standard)
- Vegetables corrugated boxes (export standard)
- Fruits and vegetable crates
- Fruits and vegetables bags
- Flower boxes and bag packing

Keep It Fresh LLP - 18 Sec 6 Manesar, Gurugram, India
 USA - 14310 Gannet St, La Mirada, California
 info@keep-it-fresh.com www.keep-it-fresh.com
 Italy | France | India | China | Mexico





PRODUCT NAME –KEEP IT FRESH BAGS

TECHNICAL DATASHEET

PRODUCT CODE – KIF 745

TECHNICAL PROPERTIES

Physical Properties	Wt%	
Ldpe	60-90%	9002-88-4
Naturally Occurring Minerals	10-30 %	

APPLICATIONS PICTURE

KIF bags packing in leading retail outlet Sahyadri, Nashik



PACKAGING AND STORAGE

Store in a cool dry place in the initial packing form delivered by company and always keep carton box closed and Bags wrapped in film when not in use.



KIF bags in leading retail channel, Milkbasket Bangalore.

DISPOSAL

Recommendation: Do not allow product to reach sewage system.

Disposal of product or waste must comply with official local regulations.

Packaging that cannot be recycled must be disposed in the same manner as the product.

KIF bags undergoes natural decomposition.

SAFETY INFORMATION

- Keep Out Of Reach Of Children
- Keep Container Tightly Closed
- Not For Internal Consumption
- Consult Material Safety Data Sheet For More Information
- Safe to be used with edibles
- FDA certified

DECLARATION

This Data sheet and information it contains is considered to be accurate at the date of printing. No representation or warranty, expressed or implied is made as to the accuracy



PRODUCT NAME –KEEP IT FRESH BAGS

TECHNICAL DATASHEET

PRODUCT CODE – KIF 745

or completeness of the data and information contained in this publication. It is the User’s obligation to evaluate and use products safely and within the scope advised in the data sheet and to comply with all applicable laws and regulations.

LIMITED WARRANTY

All statements, technical information and recommendations contained herein are based on validations and tests conducted by KEEP IT FRESH LLP or its partners and are believed to be reliable, but the accuracy or completeness thereof is not guaranteed. We warrant our products will be free from defects when shipped to customer. Our obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify Keep it fresh llp or its partners or agent of the claimed defect within 3 months after shipment of product to customer. Customer shall pay all freight charges for replacement products. We shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products. And any financial claims shall be limited to the value of the paper sold. Before using, user shall determine the suitability of the product for its

intended use, and user assumes all risk and liability whatsoever in connection therewith. No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of the company. The foregoing warranty is exclusive and in lieu of all other warranties, express, implied or statutory, including without limitation any implied warranty of merchantability or of fitness for a particular purpose. In no case shall KEEP IT FRESH LLP liable for incidental or consequential damages.

GLOBAL SUPPORT

Algeria Angola Argentina Australia Austria Bangladesh Belarus Belgium Bhutan Bolivia Brazil Canada Chile China Colombia Czech Republic Democratic Republic of the Congo Denmark Ecuador Estonia Finland France Gabon Germany Hungary India Indonesia Ireland Italy Japan Kazakhstan Korea Latvia Lithuania Luxembourg Malaysia Mexico Monaco Morocco Nepal Netherlands Nigeria Norway Peru Philippines Poland Portugal Republic of Congo Romania Russia Singapore Slovak Republic Slovenia South Africa Spain Sri Lanka Sweden Switzerland Taiwan Thailand Tunisia Turkey Ukraine United Arab Emirates and MENA

Keep It Fresh LLP - 18 Sec 6 Manesar, Gurugram, India
USA - 14310 Gannet St , La Mirada, California
info@keep-it-fresh.com www.keep-it-fresh.com
Italy | France | India | China | Mexico





TECHNICAL DATASHEET

PRODUCT NAME –KEEP IT FRESH BAGS

PRODUCT CODE – KIF 745

(Middle East & North Africa) United Kingdom
United States Uruguay Vietnam

DISTRIBUTED BY -

FOR INDUSTRIAL USE ONLY
Revision No. 1 Revision Date: 1st March 2018

Keep It Fresh LLP - 18 Sec 6 Manesar, Gurugram, India
USA - 14310 Gannet St, La Mirada, California
info@keep-it-fresh.com www.keep-it-fresh.com
Italy | France | India | China | Mexico

