

SAFETY DATA SHEET

PRODUCT NAME: Renature® - compostable loosefill

EFFECTIVE DATE: 12/1/2015

COMPANY: Storopack, Inc., Cincinnati, Ohio



SECTION 1: IDENTIFICATION

PRODUCT NAME: Renature® - compostable loosefill

OTHER MEANS OF IDENTIFICATION: starch loosefill, bio loosefill, starch peanuts, bio peanuts

RECOMMENDED USE AND RESTRICTIONS: Void fill material for packaging

COMPANY INFORMATION:

STOROPACK, INC.

4758 Devitt Drive

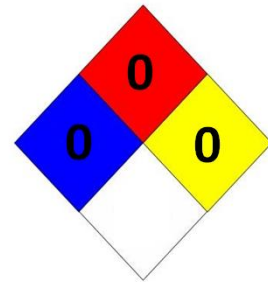
Cincinnati, OH 45246

WEBSITE: www.storopack.us

TELEPHONE NUMBER:

Main Office: 513-874-0314

EMERGENCY PHONE NUMBER: CHEMTREC: (800) 424-9300



SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION: None. Non-hazardous Components

HAZARD STATEMENT:

Particles may cause mechanical irritation to the eye. Use water to rinse eyes for several minutes.

No identified hazards with skin contact, inhalation or ingestion in normal industrial use.

HAZARDS NOT CLASSIFIED: None

SECTION 3: COMPOSITION

Chemical Name	CAS Number	Composition %	Exposure Limits
Milled Sorghum		<90-95%	None
Polyvinyl Alcohol	9002-89-5	>5-10%	None

IMPURITIES AND ADDITIVES: Non-hazardous components present at less than 3% are not listed. The exact percentage of composition has been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

EYE CONTACT: Flush eyes thoroughly with water.

SKIN CONTACT – Not hazardous. Wash skin with water.

INHALATION – Not hazardous. Remove from area if there is a high concentration of dust. If breathing is difficult, qualified medical personnel may administer oxygen.

INGESTION – Not hazardous. While this product is not manufactured in cGMP operations, the components are GRAS.

SECTION 5: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Use water spray, dry chemical, foam or carbon dioxide to extinguish flames. Material dissolves quickly in water.

FIRE FIGHTING PROCEDURES: Keep people away from area. Apply large volumes of water.

HAZARDOUS COMBUSTION PRODUCTS: None

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS: Nothing beyond standard fire fighting equipment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

EYE/FACE PROTECTION: Avoid eye contact with particles by using eye protection equipment.

SKIN PROTECTION: None

RESPIRATORY PROTECTION: None unless high levels of dust are present. In that case an approved dust mask may be used.

METHOD OF CLEANUP: Sweep or scoop up. Use volumes of water to quickly dissolve. Will not harm environment.

SECTION 7: HANDLING AND STORAGE

No special requirements. Exposure to high humidity ambient condition can make particles stick together, but does not pose any hazard.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE LIMITS: None established.

APPROPRIATE ENGINEERING CONTROLS: None required

PERSONAL PROTECTIVE EQUIPMENT: None required during normal use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Solid (foam) white/off-white tubes

UPPER/LOWER FLAMMABILITY LIMITS: None established

ODOR: Mild cereal smell

ODOR THRESHOLD: None established

VAPOR PRESSURE: N/A

pH: ~ 6.0 in 1% solution

RELATIVE DENSITY: N/A

SPECIFIC GRAVITY: 0.48 gm/cc

MELTING/FREEZING POINTS: N/A

SOLUBILITY: 100% in water

INITIAL BOILING POINT: N/A

FLASH POINT: N/A

EVAPORATION RATE: N/A

FLAMMABILITY: N/A

AUTOIGNITION TEMPERATURE: N/A

DECOMPOSITION TEMPERATURE: N/A

VISCOSITY: N/A

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: Product is highly stable.

CHEMICAL STABILITY: Product is highly stable

OTHER: Product dissolves quickly in water, is compostable and slowly dissolves in high humidity conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE: Eye contact, skin contact most likely.

SYMPTOMS AND EFFECTS OF EXPOSURE: None

TOXICITY: None established

CARCINOGENICITY: Not found to be a potential carcinogen by any regulatory body.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: None

PERSISTENCE AND DEGRADABILITY: Certified compostable in properly-run industrial waste facilities.

BIOACCUMULATIVE POTENTIAL: None

SECTION 16: OTHER INFORMATION

The information contained herein is believed to be accurate. It is provided for the purpose of hazard communication in accordance with OSHA guidelines as a part of Storopack's product safety program. It is not intended to constitute performance information concerning the product and accuracy or completeness of the information contained herein, or product results in any specific instance, and Storopack hereby expressly disclaims any implied warranties or merchantability or fitness for a particular purpose or any warranties or representations whatsoever, expressed or implied.

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