



# MATERIAL SAFETY DATA SHEET OF PILAMIX B-CS E-1414

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Valid from:  
01.09.2021

## 1. PRODUCT IDENTIFICATION, MANUFACTURER:

Trade name: Pilamix B-CS E-1414

Producer: Zakłady Przemysłu Ziemniaczanego w Pile "ZETPEZET" Sp. z o. o.  
Młodych 30 Street  
64-920 Piła  
Tel/fax: (067) 212-27-48

## 2. COMPOSITION, INFORMATION ABOUT INGREDIENTS:

Pilamix B-CS is an acetylated distarch phosphate with a higher degree of crosslinking and is obtained by chemical treatment of potato starch by cross-linking and acetylation process. The product is intended for food purposes.

Hazardous components: does not contain

## 3. IDENTIFICATION OF HAZARDS

Based on available data and product literature Pilamix B-CS is not classified as hazardous. This information is consistent with current standards and legislation. No health hazard occurs when the product is used according to specifications and application.

## 4. FIRST AID

General tips: does not require special protective measures

Skin contact: wash with water

Eyes contact: flush eyes with plenty of water

Inhalation: avoid excessive dust

Intake: rinse mouth with water

## 5. PROCEEDING IN CASE OF FIRE

Fire prevention: explosive dusts

Suitable extinguishing media: fire-extinguishing powder, fire foam

Special hazards: explosive dusts

## 6. PROCEEDING IN CASE OF UNINTENDED RELEASE INTO THE ENVIRONMENT:

Pilamix B-CS is not a harmful substance to the environment.

## 7. PRODUCT TREATMENT AND STORAGE

Product treatment: Does not require special protective measures.  
Proceeding according with general rules, Health and Safety Practice plus avoid excessive dust.

Storage: Product should be kept in clean, dry and airy store.  
Recommended relative humidity of air: 60 – 80 %, recommended temperature should not exceed 20 °C.

Packaging: Three layer paper valve bags with folic filler.

## 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

The product does not contain any substances which concentration should be monitored in the workplace. During the handling of the product, standard protective clothing should be used and a dust mask in case of dust formation.



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## 9. PHYSICO – CHEMICAL MEASUREMENTS

|                             |   |
|-----------------------------|---|
| Appearance:                 | fine flakes or small ground flakes (ground product) |
| Colour :                    | white   |
| Odour:                      | typical for potato starch, free from foreign odour  |
| Moisture:                   | not more than 10 %                                  |
| pH value of water solution: | 5,5 – 7,5   |
| Solubility in water:        | soluble in cold water                               |
| Bulk density:               | 596 g/l (ground)                                    |

## 10. STABILITY AND REACTIVITY

|                           |                                |
|---------------------------|--------------------------------|
| Stability:                | stable under normal conditions |
| Conditions to be avoided: | humidity                       |
| Materials to be avoided:  | absence                        |

## 11. TOXICOLOGICAL INFORMATION

|                          |   |
|--------------------------|---|
| Toxicity:                | Pilamix B-CS is not a dangerous chemical and is not classified as a hazardous substance. Used as a food additive and thickener and is determined as E-1414 symbol |
| Eye contact:             | neutral   |
| Skin contact:            | neutral   |
| Consumption:             | lack of data, used in the food industry   |
| Poisoning by inhalation: | neutral, in case of excessive dust may irritate the respiratory system  |

## 12. ECOLOGICAL INFORMATION

|           |   |
|-----------|---|
| Mobility: | soluble in cold water, migrates through the air as dust |
|-----------|---|

## 13. WASTE MANAGEMENT

|                            |  |
|----------------------------|--|
| Methods of waste disposal: | processed at wastewater treatment plants |
|----------------------------|--|

## 14. TRANSPORT INFORMATION

Classification: Pilamix B-CS can be transported by various means of transports, such as:  
railway, automobile, inland-aquatic and marine;

Should be transported in accordance with applicable regulations of the freight.

Each mode of transport should be provided with a bill of lading containing the data:

- recipient's address
- product name
- weight
- number of packages

## 15. REGULATORY INFORMATION

Classification and labeling: marking individual packages

Individual packages should contain at least the following data:

- designation of the product according to the standard unit
- name and address of the producer
- net weight
- production date
- expiry date

**General safety regulations should be respected.**