



MATERIAL SAFETY DATA SHEET OF ADAMIX HS E-1422

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Valid from:
01.09.2021

1. PRODUCT IDENTIFICATION, MANUFACTURER:

Trade name: Adamix HS E-1422

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:

Adamix HS is acetylated distarch adipate obtained by thermal treatment of potato starch mixture of acetic anhydride and adipic acid.

Hazardous components: does not contain

3. IDENTIFICATION OF HAZARDS

Based on available data and product literature Adamix HS E-1422 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: water, fire-extinguishing powder, fire foam

Special hazards: explosive dusts

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

Adamix HS E-1422 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.

Packaging: 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:	loose powder
Colour:	white, in CIE,L system: not less than 91
Odour:	typical for potato starch with a slightly perceptible smell of acetic odour
Moisture:	not more than 20 %
pH value of water solution:	5,5 – 7,5
Solubility in water:	insoluble in cold water
Bulk density:	740 g/dm ³

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Toxicity:	Adamix HS is not a dangerous chemical and is not classified as a hazardous substance. Used as a food additive and thickener and is marked E1422.
Eye contact:	neutral
Skin contact:	neutral
Consumption:	lack of data, used in the food industry as an additive
Poisoning by inhalation:	neutral, in case of excessive dust may irritate the respiratory system.

12. ECOLOGICAL INFORMATION

Mobility:	insoluble in cold water, migrates through the air as dust.
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13. WASTE MANAGEMENT

Methods of waste disposal:	processed at wastewater treatment plants.
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14. TRANSPORT INFORMATION

Classification: Adamix HS 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.