

Material Safety Data Sheet

In accordance to Regulation (EC) n. 1272/2008



Aglutex range

1. Identification of the Substance / Preparation and of the Company / Undertaking

Information on Product

Product Name Food additive (EU 231/2012) commercialised under Aglutex® brand name

Recommended Use For food, animal nutrition, pharmaceutical and cosmetic applications.

Information on Manufacturer / Supplier

Company JRS Silvateam Ingredients S.r.l.
Registered Office: Via Torre, 7 - 12080 San Michele Mondovì (CN) - Italy
R&D Centre: Via A. Corti, 22 - 24126 Bergamo (BG) - Italy
Manufacturing Plant: Via M. Polo, 72/74 - 87036 Rende (CS) - Italy

Telephone +39 035 301149

Fax +39 035 4236119

Email foodingredients@silvateam.com

Emergency Telephone Number +39 335 6597371

2. Hazards Identification

Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP): the product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Adverse physicochemical, human health and environmental effects: no other hazards.

Label elements

Symbols: none.

Hazard statements: none.

Precautionary statements: none.

Special Provisions: none.

Special provisions according to Annex XVII of REACH and subsequent amendments: none.

Other hazards

vPvB Substances: none - PBT Substances: none.

Other Hazards: no other hazards.

3. Composition / Information on Ingredients

Description Aglutex is made from carefully selected raw materials (food additives EU 231/2012).

Major Component Food additives (EU 231/2012). If necessary standardised with sugars and /or buffered salts.

CAS-Number -

EINECS-Number -

REACH Registration Number Aglutex are blends of food additives and as such exempt from REACH registration.

4. First-Aid Measures

Eye Contact In case of eye contact, rinse with plenty of water.

Skin Contact Wash with water and soap if necessary.

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Inhalation Remove casualty to fresh air.

Ingestion No immediate treatment.

Seek medical advice if any discomfort continues.

5. Fire-Fighting Measures

Extinguishing media	Carbon dioxide, foam, dust and nebulized water.
Special hazards arising from the substance or mixture	Avoid breathing combustion products (carbon oxides, toxic pyrolysis products).
Advice for firefighters	Cool by spraying with water the containers to prevent product decomposition and the development of substances potentially hazardous for health. Wear full protective fire-fighting gear. Collect extinguishing water to prevent it from draining sewage system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

6. Accidental Release Measures

Personal Precautions	Wear personal protection equipment. Remove all sources of ignition. Contaminated floors may be slippery.
Environmental Precautions	Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
Methods and material for containment and cleaning up	Mechanically collect leaked product and eliminate product residues with water jets.

7. Handling and Storage

Precautions for safe handling	Avoid dust formation. See also section 8 for recommended protective equipment.
Conditions for safe storage, including any incompatibilities	Store Aglutex in original bags, cool and dry. Avoid excessive light.

8. Exposure Controls / Personal Protection

Control parameters

Aglutex does not contain any substances with occupational exposure limit values.

Exposure controls

Respiratory Protection:	Particle filter device (DIN EN 143) in case of dust formation.
Eye Protection	Safety goggles.
Hand Protection	Wear protective gloves in case of permanent contact.

9. Physical and Chemical Properties

Appearance	White or light beige powder with a neutral odour.		
Solubility	Soluble in hot water.		
Explosive	By ignition of a dust cloud Aglutex can cause a weak dust explosion ($K_{St} < 200 \text{ bar m/s}$).		
Dust Explosion Category	St 1	Min. Ignition Energy	$\geq 1,000 \text{ mJ}$
Ignition Temperature	390°C	Glow Temperature	300°C
Max Explosion Pressure	9.2 bar	Low Explosion Limits	75 g/m ³
Boiling Point	N.A.	Melting Point	N.A.
Flash Point	N.A.	Flammability Limits	N.A.

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Vapour Pressure	N.A.	Density	N.A.
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10. Stability and Reactivity

Aglutex is stable under recommended storage conditions according to internal specification.

Conditions to Avoid

Avoid dust formation.

Materials to Avoid

Strong oxidising agents.

Hazardous Decomposition Products

None.

11. Toxicological Information

The dry powder may cause foreign body irritation in some individuals. Prolonged contact with the dry powder may cause drying or chapping of the skin. Excessive inhalation of dust may be annoying and can mechanically impede respiration. Due to the hygroscopic properties, they can form a paste or gel in the airway.

12. Ecological information

Aglutex is believed not to be dangerous to the environment with respect to mobility, persistency and degradability, bio-accumulative potential, aquatic toxicity and other data relating to eco-toxicity.

13. Disposal Considerations

Recover if possible. In so doing, comply with the local and national regulations currently in force.

14. Transport Information

Aglutex is not considered dangerous according to transport regulations.

15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture.

Dir. 98/24/EC (Risks related to chemical agents at work); Dir. 2000/39/EC (Occupational exposure limit values); Regulation (EC) n. 1907/2006 (REACH); Regulation (EC) n. 1272/2008 (CLP); Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013; Regulation (EU) 2015/830; Regulation (EU) n. 286/2011 (ATP 2 CLP); Regulation (EU) n. 618/2012 (ATP 3 CLP); Regulation (EU) n. 487/2013 (ATP 4 CLP); Regulation (EU) n. 944/2013 (ATP 5 CLP); Regulation (EU) n. 605/2014 (ATP 6 CLP).

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications: none.

Chemical safety assessment: no.

16. Other Information

A Product Data Sheet is available on request.

JRS Silvateam Ingredients S.r.l.

Head office: Via A. Moretti, 34 - 24121 Bergamo (BG) - Italy
Manufacturing plant: Via M. Polo, 72/74 - 87036 Rende (CS) - Italy
Registered office: Via Torre, 7 - 12080 S. Michele M.vì (CN) - Italy
Tel. +39 035 301149 - Email: foodingredients@silvateam.com

Fully paid up share capital Euro 9,000,000.00
Fiscal code and Registration n. 02998950048
VAT n. IT 02998950048 - R.E.A. n. CN 254063

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