

Safety Data Sheet

according to Regulation (EU) 2015/830 Date of issue: 04/02/2014 Revision date

Revision date: 25/01/2018 Supe

Supersedes: 15/08/2016

Version: 1.3

	Date 01 15506. 04/02/2014		Supersedes. 13/06/2010	
SECTION 1: Identification of	f the substance/mixtur	e and o <u>f the compan</u>	y/undertaking	
1.1. Product identifier				
Product form	: Mixture			
Product name	: Azo-Carob Ga	lactomannan		
Product code	: S-ACGLM			
1.2. Relevant identified uses of	of the substance or mixture	and uses advised against		
1.2.1. Relevant identified uses				
Industrial/Professional use spec	: For profession	al use only		
Use of the substance/mixture	: Use as laborat	ory reagent		
1.2.2. Uses advised against				
No additional information available				
<b>1.3.</b> Details of the supplier of	the safety data sheet			
Megazyme Bray Business Park A98 YV29 Bray - Ireland T +353 12861220 - F +353 12861264 <u>cs@megazyme.com</u> - <u>www.megazyn</u>				
1.4. Emergency telephone nu	mber			
Emergency number	: +353 1286122	0 [9 am to 5 pm GMT - Mor	day to Friday]	
<b>SECTION 2: Hazards identif</b>	ication			
2.1. Classification of the subs	stance or mixture			
Classification according to Regula	tion (EC) No. 1272/2008 [CLI	P1		
Not classified		·		
Adverse physicochemical, human No additional information available	health and environmental ef	fects		
2.2. Label elements		- Alexandria and take Blanca ak Bar	dian familia marakant	
According to EC directives or the corr	responding national regulation	s there is no labelling obliga	ation for this product.	
2.3. Other hazards				
No additional information available				
<b>SECTION 3: Composition/in</b>	formation on ingredie	nts		
3.1. Substances				
Not applicable				
3.2. Mixtures				
This mixture does not contain any sul	bstances to be mentioned acc	ording to the criteria of sect	ion 3.2 of REACH annex II	
<b>SECTION 4: First aid measu</b>	ires			
4.1. Description of first aid me	easures			
First-aid measures after inhalation	: Remove perso	n to fresh air and keep com	fortable for breathing.	
First-aid measures after skin contact	: Wash skin with	n plenty of water.		
First-aid measures after eye contact	: Rinse eyes wit	h water as a precaution.		
First-aid measures after ingestion	: Call a poison o	enter or a doctor if you feel	unwell.	
4.2. Most important symptom	s and effects, both acute an	d delayed		

No additional information available

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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according					
SECT	ION 5: Firefighting measures				
5.1.	Extinguishing media				
Suitabl	e extinguishing media	: Water spray. Dry powder. Foam.			
5.2.	.2. Special hazards arising from the substance or mixture				
Hazard fire	lous decomposition products in case of	: Toxic fumes may be released.			
5.3.	Advice for firefighters				
Protect	tion during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.			

SECTI	ON 6: Accidental release meas	ures
6.1.	Personal precautions, protective equi	pment and emergency procedures
6.1.1.	For non-emergency personnel	
Emergen	cy procedures	: Ventilate spillage area.
6.1.2.	For emergency responders	
Protectiv	e equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
6.2.	Environmental precautions	
Avoid rel	ease to the environment.	
6.3.	Methods and material for containmen	t and cleaning up
Methods	for cleaning up	: Mechanically recover the product.
Other info	ormation	: Dispose of materials or solid residues at an authorized site.
6.4.	Reference to other sections	
For furthe	er information refer to section 13.	
SECTIO	ON 7: Handling and storage	
7.1.	Precautions for safe handling	
Precautio	ons for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene	measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2.	Conditions for safe storage, including	any incompatibilities
Storage of	conditions	: Store in a well-ventilated place. Keep cool.
7.3.	Specific end use(s)	
No additi	onal information available	
SECTIO	ON 8: Exposure controls/perso	nal protection
8.1.	Control parameters	
No additi	onal information available	

#### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Hand protection:

## Protective gloves

Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Nitrile rubber (NBR)	3 (> 60 minutes)			EN 374-2

#### Eye protection:

Safety glasses

Туре	Use	Characteristics	Standard
Safety glasses	Dust, Droplet	With side shields	EN 166

#### Skin and body protection:

Wear suitable protective clothing

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Туре	Standard
Lab coat	

### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Device	Filter type	Condition	Standard
Dust mask	Туре Р1	Dust protection	EN 143, EN 149



#### Environmental exposure controls:

Avoid release to the environment.

<b>SECTION 9: Physical and chemical</b>	nroperties	 
9.1. Information on basic physical and		
Physical state	: Solid	
Colour	: Blue.	
Odour	: odourless.	
Odour threshold	: No data available	
рН	: No data available	
Relative evaporation rate (butylacetate=1)	: No data available	
Melting point	: No data available	
Freezing point	: Not applicable	
Boiling point	: No data available	
Flash point	: Not applicable	
Auto-ignition temperature	: Not applicable	
Decomposition temperature	: No data available	
Flammability (solid, gas)	: Non flammable.	
Vapour pressure	: No data available	
Relative vapour density at 20 °C	: No data available	
Relative density	: Not applicable	
Solubility	: Soluble in water.	
Log Pow	: No data available	
Viscosity, kinematic	: Not applicable	
Viscosity, dynamic	: No data available	
Explosive properties	: No data available	
Oxidising properties	: No data available	
Explosive limits	: Not applicable	
9.2. Other information		
No additional information available		

# SECTION 10: Stability and reactivity 10.1. Reactivity The product is non-reactive under normal conditions of use, storage and transport. 10.2. Chemical stability Stable under normal conditions. 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

#### 10.5. Incompatible materials

No additional information available

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## 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information         11.1. Information on toxicological infects         Acute toxicy (information)       : Not classified         Acute toxicy (information)       : Not classified         Skin corrosion/inflation)       : Not classified         Skin corrosion/inflation       : Not classified         Serious systematication       : Not classified         Carcinogenicity       : Not classified         Carcinogenicity       : Not classified         Carcinogenicity       : Not classified         Store and toxicity       : Not classified         Septiatory or skingle oxyoesure       : Not classified         Store and toxicity       : Not classified         Septiatory constrained exposure       : Not classified         State aduatic toxicity       : Not classified         State aduation information available	Under normal conditions of storage and use, ha	azardous decomposition products should not be produced.			
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13.1. Waste treatment methods       : Dispose of contents/container in accordance with licensed collector's sorting instructions.         SECTION 14: Transport information         In accordance with ADR / RID / IMDG / IATA / ADN         ADR         ADR         ADR         In accordance with ADR / RID / IMDG / IATA / ADN         ADR         ADR         ADR         IATA         14.1. UN number         Not applicable	No additional information available				
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Waste treatment methods       : Dispose of contents/container in accordance with licensed collector's sorting instructions.         SECTION 14: Transport information         In accordance with ADR / RID / IMDG / IATA / ADN         ADR       IATA         ADR       Nataplicable         Not applicable       Not applicable         14.1.       UN number         Not applicable       Not applicable         14.2.       UN proper shipping name         Not applicable       Not applicable         14.3.       Transport hazard class(es)         Not applicable       Not applicable         14.4.       Packing group         Not applicable       Not applicable         14.5.       Environmental hazards         Not applicable       Not applicable					
SECTION 14: Transport information         In accordance with ADR / RID / IMDG / IATA / ADN         ADR       IATA         ADR       IATA         14.1. UN number         Not applicable       Not applicable       Not applicable         14.2. UN proper shipping name         Not applicable       Not applicable       Not applicable         14.3. Transport hazard class(es)       Not applicable       Not applicable         Not applicable       Not applicable       Not applicable         14.4. Packing group       Not applicable       Not applicable         14.5. Environmental hazards       Not applicable       Not applicable		: Dispose of contents/container in accordance with licensed collector's sorting instructions.			
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14.2. UN proper shipping name       Not applicable         Not applicable       Not applicable         14.3. Transport hazard class(es)       Not applicable         Not applicable       Not applicable         14.4. Packing group       Not applicable         Not applicable       Not applicable         14.5. Environmental hazards       Not applicable         Not applicable       Not applicable					
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Not applicable     Not applicable       14.5.     Environmental hazards       Not applicable     Not applicable					
14.5.         Environmental hazards           Not applicable         Not applicable	Not applicable	Not applicable			
Not applicable Not applicable					
No supplementary information available		Not applicable			
		No supplementary information available			

Safety Data Sheet

according to Regulation (EU) 2015/830

#### 14.6. Special precautions for user

#### - Overland transport

Not applicable

#### - Air transport

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

#### **SECTION 15: Regulatory information**

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

#### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No additional information available

#### SECTION 16: Other information

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.