Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

AlSi7Mg0,6 EN-AC 42200 powder 20-63 μm

Version 1.0	Revision Date 25.10.2023	Print Date 27.11.2024

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name	:	AISi7Mg0,6 EN-AC 42200 powder 20-63 µm
Material number	:	031404UL1

1.2 Relevant identified uses of the substance or mixture and uses advised against

This information is not available.

1.3 Details of the supplier of the safety data sheet

Company	: ECKART TLS GmbH PC-Straße 5 06749 Bitterfeld-Wolfen
	Germany
Telephone	: +493493929590
Telefax	: +4934939295999
E-mail address	info.eckart.tls@altana.com
Responsible/issuing person	

1.4 Emergency telephone number

NCEC:

(contract no.: ECKART29003-NCEC) +44 1235 239671 (Middle East/Africa, call and response in your language) +1 215 207 0061 (Americas, call and response in your language) +65 3158 1074 (Asia-Pacific, call and response in your language)

SECTION 2: Hazards identification

GHS Classification

Not a hazardous substance or mixture.

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GHS-Labelling

Not a hazardous substance or mixture.

Hazardous components which must be listed on the label

Other hazards which do not result in classification

Combustible Solids

SECTION 3: Composition/information on ingredients

Substance No.

No hazardous ingredientsFor the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	: Move the victim to fresh air. Do not leave the victim unattended.
If inhaled	 Remove to fresh air. If unconscious, place in recovery position and seek medical advice.
	lf symptoms persist, call a physician.
In case of skin contact	: Wash off immediately with soap and plenty of water.
In case of eye contact	: Remove contact lenses.
-	If eye irritation persists, consult a specialist.
If swallowed	: Keep respiratory tract clear.
	Do not give milk or alcoholic beverages.
	Never give anything by mouth to an unconscious person.
	If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

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This information is not available.

4.3 Indication of any immediate medical attention and special treatment needed

This information is not available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	: Dry sand, Special powder against metal fire
Unsuitable extinguishing media	: ABC powder, Carbon dioxide (CO2), Foam, Water

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting	:	Contact with water liberates extremely flammable gas (hydrogen).
5.3 Advice for firefighters		
Special protective equipment for firefighters	:	Wear self-contained breathing apparatus for firefighting if necessary.
Further information	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SECTION 6: Accidental release measures

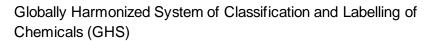
6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	: Use personal protective equipment.
	Evacuate personnel to safe areas.
	Avoid dust formation.

6.2 Environmental precautions

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General advice :	The product should not be allowed to enter courses or the soil. No special environmental precautions requi			
This information is not available.				
6.3 Methods and materials for conta	ainment and cleaning up			
Methods for cleaning up :	Use mechanical handling equipment. Do not use a vacuum cleaner. Pick up and arrange disposal without creati Sweep up and shovel. Keep in suitable, closed containers for disp	C C C C C C C C C C C C C C C C C C C		
6.4 Reference to other sections				
For personal protection see section 8.				

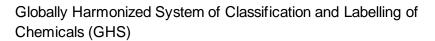
SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling	:	Avoid creating dust. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Store away from heat.
		For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area.
Advice on protection against fire and explosion	:	Use explosion-proof equipment. During processing, dust may form explosive mixture in air. Take measures to prevent the build up of electrostatic charge. When transferring from one container to another apply earthing measures and use conductive hose material.
		Provide appropriate exhaust ventilation at places where dust is formed.
Hygiene measures	:	General industrial hygiene practice.

7.2 Conditions for safe storage, including any incompatibilities

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Requirements for storage areas and containers	: Earthing of containers and apparatus with water liberates extremely flamma explosion-proof equipment. Store in o away from sources of ignition - No sn closed when not in use.	able gas (hydrogen) Use original container. Keep
	Electrical installations / working mate the technological safety standards.	rials must comply with
Further information on storage conditions	: Protect from humidity and water.	
Advice on common storage	: Do not store together with oxidizing a Never allow product to get in contact storage. Keep away from oxidizing a and strongly acid materials in order to reactions.	with water during gents, strongly alkaline
	No materials to be especially mention	ned.
Other data	: No decomposition if stored and appli	ed as directed.

7.3 Specific end use(s)

This information is not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Germany:

	Components	CAS-No.	Value type (Form of exposure)	Control parameters	Update	Basis
	aluminium	7429-90-5	AGW (Inhalable fraction)	10 mg/m3	2014-04-02	DE TRGS 900
	Peak-limit: excursion		2;(II)			
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factor (categor	у)				
aluminium	7429-90-5	AGW (Alveolate	1,25 mg/m3	2014-04-02	DE TRGS 900
		fraction)			
Peak-limit: exc factor (categor		2;(II)			

8.2 Exposure controls

Personal protective equipm	ent	
Eye protection	: Face-shield	
	: Safety glasses	
Hand protection		
Material	: Leather	
Glove length	: Long sleeve gloves	
Remarks	: Leather gloves	
	The choice of an appropriate g its material but also on other q from one producer to the other	-
Skin and body protection	: Anti-static and fire resistant pr 11612; EN 533; EN 1149-1. A	•
	: Protective suit	
Respiratory protection	: Use suitable breathing protect requires.	ion if workplace concentration
	Breathing apparatus with filter	
	P1 filter	
	: No personal respiratory protect required.	tive equipment normally
Environmental exposure co		
General advice	: The product should not be allo courses or the soil.	wed to enter drains, water
	: No special environmental prec	autions required.
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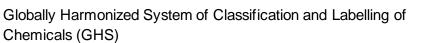
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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	:	granular
Colour	:	No data available
Odour	:	characteristic
рН	:	substance/mixture is non-soluble (in water)
Freezing point	:	No data available
Boiling point/boiling range	:	No data available
Flash point	:	No data available
Bulk density	:	No data available
Flammability (solid, gas)	:	Combustible Solids
Auto-flammability	:	No data available
Upper explosion limit	:	No data available
Lower explosion limit	:	No data available
Vapour pressure	:	No data available
Density	:	No data available
Solubility(ies)		
Water solubility	:	insoluble
Miscibility with water	:	immiscible
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Ignition temperature	:	No data available
Thermal decomposition	:	No data available

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Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Flow time	: No data available

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions	: Contact with acids and alkalis may release hydrogen.
	Stable under recommended storage conditions.
	Dust may form explosive mixture in air.

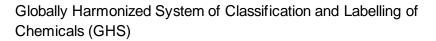
10.4 Conditions to avoid

Conditions to avoid 10.5 Incompatible materials	: No data available
Materials to avoid	: Acids Bases Oxidizing agents Water

10.6 Hazardous decomposition products

Other information	: No data available	
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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

No data available

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitisation

No data available

Carcinogenicity

No data available

Toxicity to reproduction/fertility

No data available

Reprod.Tox./Development/Teratogenicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

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No data available

Aspiration toxicity

No data available

Further information

Product

No data available

SECTION 12: Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

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12.6 Other adverse effects

Product:

Additional ecological : No data available information

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Contaminated packaging

: Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: Transport information

14.1 UN number

ADR

Not dangerous goods

TDG

Not dangerous goods

CFR

Not dangerous goods

IMDG

Not dangerous goods

ΙΑΤΑ

Not dangerous goods

14.2 Proper shipping name

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ADR

Not dangerous goods

TDG

Not dangerous goods

CFR

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.3 Transport hazard class

ADR

Not dangerous goods

TDG

Not dangerous goods

CFR

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.4 Packing group

ADR

Not dangerous goods

TDG

Not dangerous goods

CFR

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Not dangerous goods

IMDG

Not dangerous goods

ΙΑΤΑ

Not dangerous goods

14.5 Environmental hazards

14.6 Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

SECTION 15: Regulatory information

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

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).	: Not applicable
REACH - List of substances subject to authorisation (Annex XIV)	: Not applicable
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	: Not applicable
Regulation (EU) 2019/1021 on persistent organic pollutants (recast)	: Not applicable
REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)	: Banned and/or restricted (magnesium, powder or turnings) (titanium)

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15.2 Chemical safety assessment

No data available

SECTION 16: Other information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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