according to Regulation (EC) No. 1907/2006



AISi10Mg EN-AC 43000 powder 20-63 µm

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1.1	02.04.2024	102000036872	Date of first issue: 25.10.2023

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

1.1 Produ	ct identifier
-----------	---------------

Trade name:AISi10Mg EN-AC 43000 powder 20-63 μmProduct code:027633UL1

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 of person responsible for the SDS	: info.eckart.tls@altana.com

1.4 Emergency telephone number

NCEC: +44 1235 239670 (Europe) Call and response in your language is possible. Contract no.: ECKART29003-NCEC.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture according to the Globally Harmonised System (GHS).

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a dangerous substance according to GHS.

2.3 Other hazards

Combustible Solids

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This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components Remarks

: No hazardous ingredients

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.
lf inhaled	:	Remove to fresh air. If unconscious, place in recovery position and seek medical advice. If 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 None known.

4.3 Indication of any immediate medical attention and special treatment needed

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)

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				Foam Water	
	•	hazards arising from c hazards during ting			xture r liberates extremely flammable gas
		for firefighters protective equipment ighters	:	Wear self-contain necessary.	ed breathing apparatus for firefighting if
	Further	information	:	<u> </u>	measures that are appropriate to local d the surrounding environment.

SECTION 6: Accidental release measures

	e equipment and emergency procedures Use personal protective equipment. Evacuate personnel to safe areas. Avoid dust formation.
6.2 Environmental precautions	
General advice :	The product should not be allowed to enter drains, water courses or the soil. No special environmental precautions required.
6.3 Methods and material for contai	nment and cleaning up
Methods for cleaning up :	Use mechanical handling equipment. Do not use a vacuum cleaner.
	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

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.

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		on protection against d explosion	:	Smoking, eating a application area. Use explosion-pro form explosive m build up of electro	ection see section 8. and drinking should be prohibited in the poof equipment. During processing, dust may ixture in air. Take measures to prevent the pstatic charge. When transferring from one her apply earthing measures and use material.
				Provide appropria is formed.	ate exhaust ventilation at places where dust
	Hygien	e measures	:	General industrial	hygiene practice.
7.2	Conditi	ons for safe storage,	inc	luding any incom	patibilities
		ements for storage and containers	:	with water liberate explosion-proof e	iners and apparatuses is essential. Reaction es extremely flammable gas (hydrogen) Use equipment. Store in original container. Keep es of ignition - No smoking. Keep container n use.
					ions / working materials must comply with safety standards.
		r information on e conditions	:	Protect from hum	idity and water.
	Advice	on common storage	:	Never allow prod storage. Keep away from strongly acid mat	ther with oxidizing and self-igniting products. uct to get in contact with water during oxidizing agents, strongly alkaline and erials in order to avoid exothermic reactions. e especially mentioned.
		r information on e stability	:	No decompositio	n if stored and applied as directed.
7.3	Specific	c end use(s)			

7.3 Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
aluminium	7429-90-5	TWA (inhalable dust)	10 mg/m3	GB EH40
		TWA (Respirable dust)	4 mg/m3	GB EH40

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silicon 7440-21-3 TWA ((nhalable) 10 mg/m3 GB EH40 Further information: For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/4 General methods for sampling and gravimetric analysis or respirable, thoracic and inhalable aerosols., The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m-38 -hour TWA of inhalable dust or 4 mg.m-38 -hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed to dust above the levels. Some dusts have been assigned specific WELs and exposure to the must comply with the appropriate limits., Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular practice after entry into the human respiratory system, and the bor response that it elicits, depend on the nature and size of the particel. HSE distinguishes two size fractions for limit-setting purposes termed' inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximate to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS14/4., Where dusts contain components that have their own assigned WEL, all the relevant limit should be cused. TWA (Respirable 4 mg/m3 GB EH40 Further information: For the purposes of these limits, respirable dust and inhalable dust are those fractions of airbore dust which wille be collected when sampling is undertaken in accordance w	/ersion .1	Revision Date: 02.04.2024			Print Date: 15.04.2024 Date of first issue: 25.10.2023	3
MDHS14/4 General methods for sampling and gravimetric analysis or respirable, thoracic and inhalable aerosols., The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m-3 8-hour TWA of inhalable dust or 4 mg.m-3 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed to dust above these levels. Some dusts have been assigned specific WELs and exposure to the must comply with the appropriate limits., Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system, and the box response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed 'inhalable' and 'respirable', inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximate to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS14/4. Where dusts contain components that have their own assigned WEL, all the relevant limit should be complied with., Where no specific short-term exposure limit is list a figure three times the long-term exposure limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/4 General methods for sampling and gravimetric analysis or respirable, thoracic and inhalable acrosols., The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m-3 8-hour TWA of inhalable dust aproximate or exposud to dust above thes levels. Some dusts have been assigne	silicon	F	urther inform	ation: For the purp are those fraction	oses of these limits, respirat s of airborne dust which will I	ble dust and be collected
available for deposition in the respiratory tract. Respirable dust approximate to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS14/4., Where dusts contain components that have their own assigned WEL, all the relevant limit should be complied with., Where no specific short-term exposure limit is list a figure three times the long-term exposure limit should be used. TWA (Respirable 4 mg/m3 GB EH40 fraction) Further information: For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/4 General methods for sampling and gravimetric analysis or respirable, thoracic and inhalable aerosols., The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m-3 8-hour TWA of inhalable dust or 4 mg.m-3 8-hour TWA of spirable, thoracic and solve these levels. Some dusts have been assigned specific WELs and exposure to the must comply with the appropriate limits., Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system, and the boor response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed 'inhalable' and 'respirable'., Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximate to the fraction day approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore availab		M re s c ir a le n p p re d a	ADHS14/4 Ge espirable, the ubstance haz oncentration halable dust ny dust will b evels. Some of nust comply of articles of a v articular part esponse that istinguishes nd 'respirable	eneral methods for pracic and inhalable cardous to health in in air equal to or g or 4 mg.m-3 8-ho e subject to COSH dusts have been as with the appropriate vide range of sizes icle after entry into it elicits, depend of two size fractions f a'., Inhalable dust a	sampling and gravimetric ar a aerosols., The COSHH def ncludes dust of any kind whe reater than 10 mg.m-3 8-hou ur TWA of respirable dust. The H if people are exposed to a ssigned specific WELs and e e limits., Most industrial dust the behaviour, deposition the human respiratory system of the nature and size of the or limit-setting purposes terr approximates to the fraction of	nalysis or inition of a n present at a ir TWA of his means that dust above these exposure to these s contain and fate of any em, and the body particle. HSE ned 'inhalable' of airborne
fraction) Further information: For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/4 General methods for sampling and gravimetric analysis or respirable, thoracic and inhalable aerosols., The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m-3 8-hour TWA of inhalable dust or 4 mg.m-3 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed to dust above these levels. Some dusts have been assigned specific WELs and exposure to the must comply with the appropriate limits., Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system, and the box response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed 'inhalable' and 'respirable'., Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximate to the fraction s and explanatory material are given in MDHS14/4., Where dusts contain components that have their own assigned WEL, all the relevant limit		a to d c s	vailable for d o the fraction efinitions and ontain comp hould be con	eposition in the rest that penetrates to d explanatory mate onents that have th nplied with., Where times the long-terr	piratory tract. Respirable du the gas exchange region of rial are given in MDHS14/4., eir own assigned WEL, all th no specific short-term exponences of exposure limit should be us	ist approximates the lung. Fuller Where dusts ne relevant limits sure limit is listed sed.
inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/4 General methods for sampling and gravimetric analysis or respirable, thoracic and inhalable aerosols., The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m-3 8-hour TWA of inhalable dust or 4 mg.m-3 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed to dust above thes levels. Some dusts have been assigned specific WELs and exposure to the must comply with the appropriate limits., Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system, and the boo response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed 'inhalable' and 'respirable'., Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximate to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS14/4., Where dusts contain components that have their own assigned WEL, all the relevant limit			urthor inform	fraction)	0	
a figure three times the long-term exposure limit should be used. TWA (inhalable 10 mg/m3 GB EH40		ir M M re s c c ir a le n p p re d a n c s	halable dust when samplin ADHS14/4 Ge espirable, the ubstance haz oncentration halable dust ny dust will b evels. Some of nust comply articles of a v articular part esponse that istinguishes nd 'respirable naterial that e vailable for d o the fraction efinitions and ontain comply hould be com	are those fraction g is undertaken in eneral methods for tracic and inhalable ardous to health in in air equal to or g or 4 mg.m-3 8-hor e subject to COSH dusts have been at with the appropriate vide range of sizes icle after entry into it elicits, depend of two size fractions f e, inhalable dust a enters the nose and eposition in the rest that penetrates to d explanatory mate onents that have the nplied with., Where times the long-term	s of airborne dust which will I accordance with the method sampling and gravimetric ar a aerosols., The COSHH definition includes dust of any kind whe reater than 10 mg.m-3 8-hou ur TWA of respirable dust. The H if people are exposed to a signed specific WELs and e e limits., Most industrial dust at the behaviour, deposition the human respiratory system or limit-setting purposes terr approximates to the fraction of piratory tract. Respirable du the gas exchange region of rial are given in MDHS14/4., reir own assigned WEL, all the no specific short-term expo- nexposure limit should be us	be collected s described in halysis or inition of a n present at a n TWA of his means that dust above these s contain and fate of any em, and the body particle. HSE ned 'inhalable' of airborne d is therefore st approximates the lung. Fuller Where dusts he relevant limits sure limit is listed sed.

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	inha	alable dust are those fraction	purposes of these limits, re-	th will be collected
	whe	in sampling is undertake	ctions of airborne dust which	nethods described in
	MD	HS14/4 General method	in accordance with the mass for sampling and graving	etric analysis or
	resp	birable, thoracic and inha	alable aerosols., The COSH	H definition of a
	sub	stance hazardous to hea	alth includes dust of any kir	nd when present at a
	con	centration in air equal to	or greater than 10 mg.m-3	8 8-hour TWA of
	inha	alable dust or 4 mg.m-3	8-hour TWA of respirable do	lust. This means that
	any	dust will be subject to C	COSHH if people are expos-	sed to dust above these
	leve	els. Some dusts have be	en assigned specific WELs	and exposure to these
	mus	st comply with the appro-	priate limits., Most industria	and exposure to these
	part	icles of a wide range of	sizes. The behaviour, depo-	and exposure to these
	part	icular particle after entry	into the human respiratory	and exposure to these
	resp	bonse that it elicits, depending	and on the nature and size of	set of the particle. HSE
	dist	inguishes two size fraction	ons for limit-setting purpos	test termed 'inhalable'
	and	'respirable'., Inhalable of	dust approximates to the fra-	action of airborne
	mat	erial that enters the nos	e and mouth during breathing	ng and is therefore
	ava	ilable for deposition in the	the respiratory tract. Respira-	able dust approximates
	to th	fraction that penetrate	sis to the gas exchange regi-	ion of the lung. Fuller
	defi	initions and explanatory	material are given in MDHS	S14/4., Where dusts
	con	tain components that ha	ve their own assigned WEL	L, all the relevant limits
	sho	uld be complied with., W	/here no specific short-term	n exposure limit is listed,
		TWA (Respindust)	r-term exposure limit should able 4 mg/m3	GB EH40
	inha whe MD resp sub con inha any leve mus part part resp dist and mat ava to th defi con sho	her information: For the alable dust are those fraction HS14/4 General method birable, thoracic and inha stance hazardous to hea centration in air equal to alable dust or 4 mg.m-3 dust will be subject to C els. Some dusts have be at comply with the appro- icles of a wide range of icular particle after entry bonse that it elicits, depen- inguishes two size fraction 'respirable'., Inhalable of erial that enters the nos ilable for deposition in the fraction that penetrate initions and explanatory tain components that ha uld be complied with., W	purposes of these limits, re- ctions of airborne dust whic n in accordance with the m s for sampling and gravime alable aerosols., The COSH alth includes dust of any kin or greater than 10 mg.m-3 8-hour TWA of respirable d COSHH if people are expos- en assigned specific WELS priate limits., Most industria sizes. The behaviour, depo- into the human respiratory and on the nature and size ons for limit-setting purpos dust approximates to the fra- e and mouth during breathing the respiratory tract. Respira- s to the gas exchange regi- material are given in MDHS we their own assigned WEL /here no specific short-term g-term exposure limit should	th will be collected nethods described in etric analysis or HI definition of a nd when present at a 8 8-hour TWA of lust. This means that sed to dust above these and exposure to these and exposite the these and exposite the these and exposure to these and exposure to these and exposure to these and exposed the these and exposed

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health	Value
			effects	

according to Regulation (EC) No. 1907/2006



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	aluminium		Workers	Inhalation			Long-term local effects		3.72 mg/m3	
			Consume	rs	Oral		Long-term systemic effects	;	3.95 mg/kg	
			Workers		Inhalation		Long-term systemic effects	;	3.72 mg/m3	
	Predic	ted No Effect C	oncentratio	on (PN	IEC) accor	ding to I	Regulation (EC) No.	19	07/2006:	
	Substa	ance name		Envir	ronmental C	Compartr	nent	V	alue	
	alumin	ium		clarif	ication plan	nt		20	20 mg/l	
8.2	8.2 Exposure controls Personal protective equipment Eye/face protection Hand protection Material Glove length			Leathe	glasses	es				
	Remarks			Leather gloves The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.						
	Skin and body protection :		on :	Anti-static and fire resistant protective clothing. DIN EN 11612; EN 533; EN 1149-1. Anti-static safety shoes. Protective suit						
Respiratory protection : Use suitable breathing pro requires. Breathing apparatus with f P1 filter				on:	centration					

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	:	granular
Colour	:	grey
Odour	:	characteristic
Odour Threshold	:	No data available
Freezing point	:	No data available
Boiling point/boiling range	:	No data available
Flammability	:	Combustible Solids
Upper explosion limit / Upper flammability limit	:	No data available

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		explosion limit / Lower bility limit	:	No data available	
	Flash p	oint	:	No data available	•
	Auto-ig	nition temperature	:	No data available	•
	Decom	position temperature	:	No data available	•
	pН		:	substance/mixtur	e is non-soluble (in water)
	Viscosi	ity, kinematic	:	No data available	
		ity(ies) solubility ity in other solvents	:	insoluble No data available	
	octano	n coefficient: n- l/water · pressure	:	No data available No data available	
	Relative	e density	:	No data available	•
	Density	,	:	No data available	
	Relative	e vapour density	:	No data available	9
		e characteristics icle Size Distribution	:	No data available	
9.2		nformation a 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 reaction Hazardous reactions :	n s 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 :	No data available

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10.5 Incompatible materials

Materials to avoid

: Acids Bases Oxidizing agents Water

10.6 Hazardous decomposition products

This information is not available.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Not classified based on available information.

Skin corrosion/irritation

Not classified based on available information.

Serious eye damage/eye irritation

Not classified based on available information.

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity Not classified based on available information.

Reproductive toxicity Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

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11.2 Inform	nation on other haza	rds		
Furth	er information			
<u>Prodı</u> Rema		:	No data availa	ble
SECTION	12: Ecological inf	orma	ation	
12.1 Toxic No da	ity ta available			
	stence and degradat ta available	oility		
	cumulative potentia ta available			
12.4 Mobi l No da	l ity in soil ıta available			
12.5 Resu	Its of PBT and vPvB	asse	ssment	
<u>Produ</u> Asses	<u>ict:</u> sment	:	to be either pe	e/mixture contains no components considered rsistent, bioaccumulative and toxic (PBT), or and very bioaccumulative (vPvB) at levels of
	crine disrupting pro	pertie	S	
12.7 Other	adverse effects			
<u>Produ</u> Additi inform	onal ecological	:	No data availa	ble
SECTION	N 13: Disposal cons	sider	ations	
Europ	ean Waste Catalogue	:		er particulates and dust (including ball-mill dust) ardous substances
	e treatment methods minated packaging	:		ers should be taken to an approved waste or recycling or disposal.

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SECTION 14: Transport information

14.1 UN number or ID number

ADR	:	Not regulated as a dangerous good			
IMDG	:	Not regulated as a dangerous good			
ΙΑΤΑ	:	Not regulated as a dangerous good			
14.2 UN proper shipping name					
ADR	:	Not regulated as a dangerous good			
IMDG	:	Not regulated as a dangerous good			
ΙΑΤΑ	:	Not regulated as a dangerous good			
14.3 Transport hazard class(es)					
ADR	:	Not regulated as a dangerous good			
IMDG	:	Not regulated as a dangerous good			
ΙΑΤΑ	:	Not regulated as a dangerous good			
14.4 Packing group					
ADR	:	Not regulated as a dangerous good			
IMDG	:	Not regulated as a dangerous good			
IATA (Cargo)	:	Not regulated as a dangerous good			
IATA (Passenger)	:	Not regulated as a dangerous good			
14.5 Environmental hazards Not regulated as a dangerous good					
14.6 Special precautions for use	-				
Remarks	:	Not classified as dangerous in the meaning of transport regulations.			

14.7 Maritime transport in bulk according to IMO instruments Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

REACH - Restrictions on the manufacture, placing on	:	Conditions of restriction for the
the market and use of certain dangerous substances,		following entries should be
mixtures and articles (Annex XVII)		considered:

according to Regulation (EC) No. 1907/2006



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					nesium, powder or turnings ber on list 40)				
	UK REACH Candidate list of substances of very high : Not applicable concern (SVHC) for Authorisation								
The F	Persistent Organic Polle lation (EU) 2019/1021	ained :	Not a	pplicable					
	lation (EC) No 1005/20 ete the ozone layer	09 on substances that	:	Not a	pplicable				
Regu	lation (EU) 2019/1148 psives precursors	on the marketing and ι	use of :		inium nesium, powder or turnings				
	EACH List of substance ex XIV)	es subject to authorisa	ition :	Not a	pplicable				
Regu	lation (EU) 2019/1148 osives precursors	on the marketing and u	ise of						
susp	product is regulated by icious transactions, and Id be reported to the rel	l significant disappeara	ances and		aluminium (ANNEX II) magnesium, powder or turnings (ANNEX II)				

15.2 Chemical safety assessment

No data available

SECTION 16: Other information

Full text of other abbreviations

GB EH40	:	UK. EH40 WEL - Workplace Exposure Limits
GB EH40 / TWA	:	Long-term exposure limit (8-hour TWA reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AllC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN -Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx -Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx -Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA -International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods: IMO -International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO -International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50



AISi10Mg EN-AC 43000 powder 20-63 µm

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- Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further 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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