

CECCHI GUSTAVO & C.

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ADDITIVE A30 MICROSHIELD - SAFETY DATA SHEET - july 2020

ADDITIVE A30 MICROSHIELD

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

1.1 Identificatore del prodotto

1.1. Identificatore del prodotto

Denominazione **A30 MICROSHIELD**

1.2 Usi pertinenti identificati della sostanza o miscela e usi sconsigliati

Usi identificati: **carica/riempitivo**

1.3. Informazioni sul fornitore della scheda di dati di sicurezza

Ragione Sociale **CECCHI GUSTAVO & C. SRL.**

Indirizzo **Via M.Coppino, 253**

Località e Stato **55049 VIAREGGIO(LU) ITALY**

TEL. +39 0584 383694

FAX +39 0584 395182

e-mail della persona competente, responsabile della scheda dati di sicurezza: **info@cecchi.it**

Resp. dell'immissione sul mercato: **CECCHI GUSTAVO & C. srl**

1.4. Numero telefonico di emergenza

Per informazioni urgenti rivolgersi a: 0584/383694 orari ufficio 8.30-12.30, 14.00-18.30 da Lunedì a Venerdì

SECTION 2 : Hazards identification

2.1 Classification of the substance or mixture

Classification (EC 1272/2008):

Physical and chemical hazards: not classified

Human health: not classified

Environment: not classified

Classification (67/548/EEC):

Not classified

The full text for all R-phrases and hazard statements are displayed in section 16

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2.2 Label elements

Label in accordance with (EC) No 1272/2008 No pictogram required.

2.3 Other hazards

This product does not contain any PBT or vPvB substances

SECTION 3: Composition/information on ingredients

3.1 Substances

Product/ingredient name	%	CAS No	EC No	Classification	
				67/548/EEC	Regulation (EC) No.
Potassium Aluminium Silicate	>99.9%	12001-26-2	-	Not classified	Not classified
Quartz	<1%	14808-60-7	238-878-4	Not classified	Not classified

The full text for all R phrases and hazard statements are displayed in section 16.

REACH Registration number:

Exempt

SECTION 4 : First aid measures

4.1 Description of first aid measures

Inhalation:

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion:

Rinse mouth thoroughly. Get medical attention if any discomfort continues.

Skin contact:

Wash skin with soap and water. Get medical attention if irritation persists after washing.

Eye contact:

Make sure to remove any contact lenses from the eyes before rinsing. Rinse eye with water immediately. Get medical attention if any discomfort continues.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation:

No specific symptoms noted

Ingestion:

No specific symptoms noted

Skin contact:

No specific symptoms noted

Eye contact:

No specific symptoms noted

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically



SECTION 5: Firefighting measures

5.1 Extinguishing media

This product is not flammable. Use fire extinguishing media appropriate for surrounding materials

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: None under normal conditions

5.3 Advice for firefighters

Special firefighting procedures: No specific firefighting procedures given

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Follow precautions for safe handling described in this SDS

6.2 Environmental precautions

The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.

6.3 Methods and material for containment and cleaning up

Avoid dust formation. Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Transfer to a container for disposal.

6.4 Reference to other sections

For personal protection see section 8. For waste disposal section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling Avoid handling which leads to dust formation. Avoid inhalation of high concentrations of dust. Observe occupational exposure limits and minimise the risk of inhalation of dust.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

7.3 Specific end use(s)

The identified uses for this product are detailed in section 1.2

SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

Country	Name	STD	TWA -8Hrs	STEL - 15Min	Notes
Austria	Potassium Aluminium Silicate		10.0 mg/m ³		E
	Quartz		0.15 mg/m ³		A
Belgium	Potassium Aluminium Silicate	GVB / VLEP / AGW	3.0 mg/m ³		
	Quartz		0.1 mg/m ³		
China	Potassium Aluminium Silicate		1.5 mg /m ³		
	Quartz		0.5 mg/m ³		
Czech Republic	Potassium Aluminium Silicate	PEL	10.0 mg/m ³		
	Quartz		0.1 mg/m ³		
Denmark	Quartz	GRV	0.3 mg/m ³		K ⁽¹⁾
Estonia	Quartz		0.1 mg/m ³		
Finland	Quartz	HTP	0.2 mg/m ³		
France	Quartz	VLEP	0.1 mg/m ³		
Hungary	Quartz	MKBS	0.15 mg/m ³		
Italy	Potassium Aluminium Silicate	ACGIH	3.0 mg/m ³		
	Quartz		0.025 mg/m ³		A2 ⁽¹⁾
Japan	Quartz		0.03 mg/m ³		1
Netherlands	Quartz	MAC	0.075 mg/m ³		
Portugal	Potassium Aluminium Silicate	VLE	3.0 mg/m ³		
	Quartz		0.025 mg/m ³		A2 ⁽²⁾
Spain	Potassium Aluminium Silicate	VLA	3.0 mg/m ³		
	Quartz		0.01mg/m ³		
Sweden	Quartz	AFS	0.1 mg/m ³		K ⁽²⁾
UK	Potassium Aluminium Silicate	WEL	10.0 mg/m ³		
	Quartz		0.1 mg/m ³		

E = Einatembare Fraktion

A = Aveolengängiger Anteil

GVB = Grenswaarden voor blootstelling aan chemische agentia

VLEP = Valeurs limites d'exposition professionnelle

AGW = Arbeitsplatzgrenzwert

PEL = Příпустné expoziční limity

GRV = Grænseværdier for stoffer og materialer

K⁽¹⁾ = betyder, at stoffet er optaget på listen over stoffer, der anses for at være kræftfremkaldende

HTP = Haitallisiksi tunnetut pitoisuudet

MKBS = Munkahelyek kémiai biztonságáról szóló

ACGIH = American Conference of Governmental industrial Hygienists

A2⁽¹⁾ = Carcinogeno sospetto per l'uomo

1 = ヒトに対して発がん性のある物質

MAC = Maximaal Aanvaarde Concentraties

VLE = Valor limite de exposição

A2⁽²⁾ = Agente carcinogénico suspeito no Homem

VLA = Valor limite Ambiental

AFS = Arbetsmiljöverkets Författningssamling

K⁽²⁾ = Ämnet är cancerframkallande

WEL = Workplace exposure limit

Note: to request language/country specific SDS please e-mail msottile.sales@sasciama.com

Ingredient comments:

Dust contains respirable crystalline silica. Prolonged and/or massive inhalation of respirable crystalline silica dust may cause lung fibrosis, commonly referred to as silicosis. Principal symptoms of silicosis are cough and breathlessness. Occupational exposure to respirable dust should be monitored and controlled. The product should be handled using methods and techniques that minimise or eliminate dust generation. The product contains less than 1% w/w RCS (respirable crystalline silica) as determined by the SWERF method. The respirable crystalline silica content can be measured using the «size-weighted Respirable Fraction-SWERF» method. All details about the SWERF method is available at www.crystallinesilica.eu

8.2 Exposure controls

Protective equipment



Engineering measures:

Provide adequate ventilation. Observe occupational exposure limits and minimise the risk of inhalation of dust.

Respiratory equipment:

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. Wear dust masks in dusty areas.

Hand protection:

No specific hand protection noted, but gloves may still be advisable.

Eye protection:

Wear dust resistant safety goggles where this is a danger of eye contact.

Other protection:

Provide eyewash station

Hygiene measures:

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

**SECTION 9 : Physical and chemical properties****9.1 Information on basic and physical and chemical properties**

Appearance:	Powder
Colour:	White
Odour:	Odourless
Solubility:	Insoluble in water
Melting point (C°):	1300°
Relative density:	2.8
pH value :	9

9.2 Other information

Particle size: 21µm<90%<33µm

Crystalline silica content <1% after DRX and IRTF analysis (quartz)

Heavy metal < 4PPM (detail on demand) analysis conducted by ICP-AES method

Chemical	Sio2	AL2O3	FE2O3	Cao	Mgo	MnO	K2O	Na2O	TiO2	ZrO2
%	46/49%	35%	2%	0.02%	0.02%	0.01%	10%	0.9%	0.02%	0.010%

SECTION 10 : Stability and reactivity**10.2 Reactivity** No specific reactivity hazards associated with this product**10.3 Chemical stability** Stable under normal temperature conditions**10.4 Possibility of hazardous reactions** Not relevant**10.5 Conditions to avoid** No specific conditions are likely to result in a hazardous situation**10.6 Incompatible materials**

Materials to avoid: No specific, or groups, of materials are likely to react to product a hazardous situation

10.7 Hazardous decomposition products None under normal circumstances**SECTION 11: Toxicological information****11.1 Information on toxicological effects**

Other health effects: This substance has no evidence of carcinogenic properties

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Acute toxicity:

Acute toxicity (Oral LD50) Not relevant

Acute toxicity (Dermal LD50) Not relevant

Acute toxicity (Inhalation LC50) Not relevant

Inhalation: Dust in high concentrations may irritate the respiratory system.

Ingestion: May cause discomfort if swallowed

Skin contact: Powder may irritate skin

Eye contact: Particles in the eyes may cause irritation and smarting

SECTION 12 : Ecological information

Eco toxicity: Not regarded as dangerous for the environment.

12.1 Acute fish toxicity: Not considered toxic to fish

12.2 Persistence and degradability

Degradability: The product is not readily biodegradable.

12.3 Bio-cumulative potential The product is not bio-cumulating

12.4 Mobility in soil: Not relevant, due to the form of the product

12.5 Results of PBT and vPvB assessment: This product does not contain any PBT or vPvB substances

12.6 Other adverse effects: None known

SECTION 13: Disposal considerations

13.1 Waste treatment methods: Dispose of waste and residues in accordance with local authority requirements

SECTION 14: Transport considerations

Road transport notes: Not classified

Rail transport notes: Not classified

Sea transport notes: Not classified

Air transport notes: Not classified

14.1 UN number: The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.2 UN proper shipping name: Not classified for transportation

14.3 Transport and hazard class(es): Not classified for transportation

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14.4 Packing group: No classified for transportation

14.5 Environmental hazards

Environmentally hazardous substances/marine pollutant: no

14.6 Special precautions for user: Not classified for transportation

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

Not applicable

SECTION 15 : Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Approved code of practice: Classification and labelling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.

Guidance notes: Workplace Exposure Limits EH40.

EU Legislation : Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 200/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2 Chemical safety Assessments: No chemical safety assessment has been carried out.

SECTION 16 : Other information

Creation date: 16/02/2015

Revision 1

Document no: 01-01 ENG, 15-02

Risks phrases in full: NC- Not Classified

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**ADDITIVE A30 MICROSHIELD - SAFETY DATA SHEET - july 2020****Disclosure Agreement**

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Disclaimer:

A safety data sheet is not required for this product under Article 31 of REACH. This SDS has been created on a voluntary basis (to pass on relevant information required under Article 32).

This information relates only to the specific material designated and may not be valid for combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However no warranty guarantee or representation is made to its accuracy, reliability of completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.