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

VISIONAIRE Bright Silver Sea

Version 2.1

Revision Date 24.06.2022

Print Date 11.04.2024

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

1.1 Product identifier

Trade name	: VISIONAIRE Bright Silver Sea
Material number	: 040443D60

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

Use of the	: Cosmetic products
Substance/Mixture	

1.3 Details of the supplier of the safety data sheet

Company	: ECKART GmbH Guentersthal 4
	91235 Hartenstein
Telephone	: +499152770
Telefax	: +499152777008
E-mail address	: msds.eckart@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

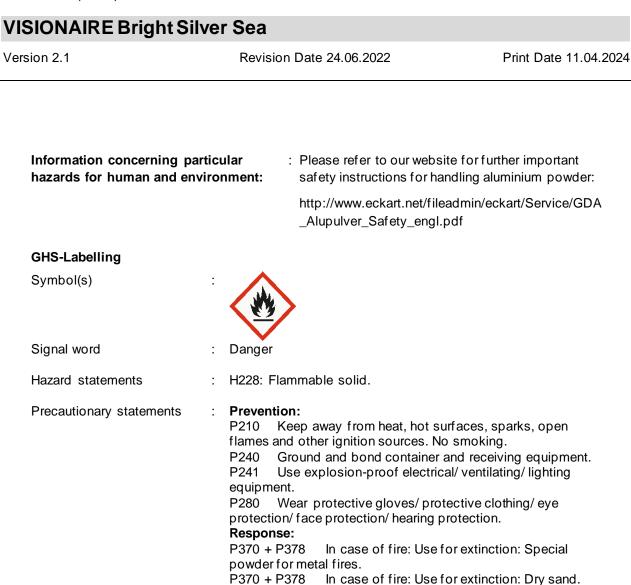
GHS Classification

: Flammable solids, Category 1, H228

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Hazardous components which must be listed on the label

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SECTION 3: Composition/information on ingredients

Substance No.

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Hazardous components

Chemical name	CAS-No. EINECS-No.	Classification and labelling	Concentration[%]
aluminium powder (stabilised)	7429-90-5 231-072-3	Flam. Sol.;1;H228	50 - 100

For 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. Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.
lf inhaled	: Remove to fresh air. If unconscious, place in recovery position and seek medical advice.
In case of skin contact	If symptoms persist, call a physician.Wash off immediately with soap and plenty of water.If on clothes, remove clothes.
In case of eye contact	 Flush eyes with water as a precaution. Remove contact lenses. Keep eye wide open while rinsing.
If swallowed	 If eye irritation persists, consult a specialist. 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

This information is not available.

4.3 Indication of any immediate medical attention and special treatment needed

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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), Water, Foam
	High volume water jet

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 : For safety reasons in case of fire, cans should be stored separately in closed containments. Use extinguishing measures that are appropriate to local circumstances and th surrounding environment. Use a water spray to cool fully closed containers.	xtinguishing cumstances and the
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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.
	Remove all sources of ignition.

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6.2 Environmental precautions

Environmental precautions	: Prevent product from entering drains.
	Prevent further leakage or spillage if safe to do so.
	If the product contaminates rivers and lakes or drains inform
	respective authorities.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up	 Use mechanical handling equipment. Do not use a vacuum cleaner. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Keep in suitable, closed containers for disposal.
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6.4 Reference to other sections

For personal protection see section 8.

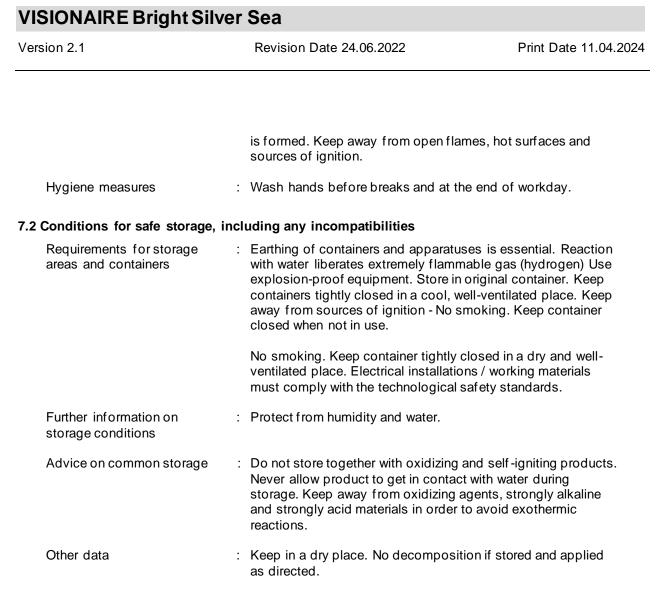
SECTION 7: Handling and storage

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. Open drum carefully as content may be under pressure. Dispose of rinse water in accordance with local and national regulations.
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

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7.3 Specific end use(s)

This information is not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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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
powder (stabilised)		fraction)			
Peak-limit: exc	ursion	2;(II)			
factor (catego	ry)				
aluminium	7429-90-5	AGW (Alveolate	1,25 mg/m3	2014-04-02	DE TRGS 900
powder		fraction)			
(stabilised)					
Peak-limit: exc	ursion	2;(II)			
factor (catego	ry)				
silicon dioxide	7631-86-9	AGW (Inhalable fraction)	4 mg/m3	2013-09-19	DE TRGS 900
Further inform	ation	place dangerous amorphous silica manufactured si compliance with	sion for the review of s for the health (MA a, including pyroge lica (precipitated si the OEL and biolo ng the unborn child	K-commission). nic silica and in v lica, silicagel).W	Colloidal wet processes 'hen there is

United States of America (USA):

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Update	Basis
aluminium powder (stabilised)	7429-90-5	TWA (total dust)	50 Million particles per cubic foot	2012-07-01	
aluminium powder (stabilised)	7429-90-5	TWA (Respirable)	5 mg/m3	2013-10-08	
aluminium powder (stabilised)	7429-90-5	TWA (total dust)	15 mg/m3	2012-07-01	
aluminium powder	7429-90-5	TWA (total)	10 mg/m3	2013-10-08	
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(stabilised)					1
aluminium powder (stabilised)	7429-90-5	TWA (respirable fraction)	5 mg/m3	2012-07-01	
aluminium powder (stabilised)	7429-90-5	TWA (respirable fraction)	15 Million particles per cubic foot	2012-07-01	
aluminium powder (stabilised)	7429-90-5	PEL (Total dust)	10 mg/m3	2014-11-26	
aluminium powder (stabilised)	7429-90-5	PEL (respirable dust fraction)	5 mg/m3	2014-11-26	
aluminium powder (stabilised)	7429-90-5	TWA (Respirable particulate matter)	1 mg/m3	2008-01-01	
aluminium powder (stabilised)	7429-90-5	TWA	5 mg/m3	2005-09-01	
aluminium powder (stabilised)	7429-90-5	TWA (Total)	15 mg/m3	1989-01-19	
aluminium powder (stabilised)	7429-90-5	TWA (Respirable fraction)	5 mg/m3	1989-01-19	
aluminium powder (stabilised)	7429-90-5	TWA (total dust)	15 mg/m3	2011-07-01	
aluminium powder (stabilised)	7429-90-5	TWA (respirable fraction)	5 mg/m3	2011-07-01	
aluminium powder (stabilised)	7429-90-5	TWA (Total dust)	15 mg/m3	1989-01-19	
aluminium powder (stabilised)	7429-90-5	TWA (respirable dust fraction)	5 mg/m3	1989-01-19	
aluminium	7429-90-5	TWA (welding	5 mg/m3	2013-10-08	
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powder (stabilised)		fumes)			
aluminium powder (stabilised)	7429-90-5	TWA (pyro powders)	5 mg/m3	2013-10-08	
aluminium powder (stabilised)	7429-90-5	TWA (Respirable particulate matter)	1 mg/m3	2013-03-01	
aluminium powder (stabilised)	7429-90-5	TWA (Fumes)	5 mg/m3	1989-01-19	
aluminium powder (stabilised)	7429-90-5	PEL (Welding fumes)	5 mg/m3	2017-10-02	
aluminium powder (stabilised)	7429-90-5	PEL (Pyro powders)	5 mg/m3	2017-10-02	
silicon dioxide	7631-86-9	TWA (Dust)	20 Million particles per cubic foot	2012-07-01	
silicon dioxide	7631-86-9	TWA (Dust)	80 mg/m3/ %SiO2	2012-07-01	
silicon dioxide	7631-86-9	TWA	6 mg/m3	2013-10-08	
silicon dioxide	7631-86-9	PEL	6 mg/m3	2014-11-26	

8.2 Exposure controls

Eye protection	:	Face-shield
	:	Tightly fitting safety goggles
Hand protection		
Material	:	Leather
Glove length	:	Long sleeve gloves

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Remarks	:	Leather gloves	
		The choice of an appropriate glove do its material but also on other quality for from one producer to the other.	
	:	The suitability for a specific workplace with the producers of the protective g	
Skin and body protection	:	Anti-static and fire resistant protective 11612; EN 533; EN 1149-1. Anti-stati	e clothing. DIN EN
	:	Dust impervious protective suit	
		Choose body protection according to concentration of the dangerous subst	
Respiratory protection	:	Use suitable breathing protection if we requires.	orkplace concentration
		Breathing apparatus with filter.	
		P1 filter	
Environmental exposure c	ontra		
General advice	:		
	:	Prevent product from entering drains. Prevent further leakage or spillage if s	safe to do so.
		If the product contaminates rivers and respective authorities.	lakes or drains inform
Water	:	The product should not be allowed to courses or the soil.	enter drains, water
	:		

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	:	powder
Colour	:	silver
Odour	:	odourless

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рН	: substance/mixture is	non-soluble (in water)
Melting point/freezing point	: 660 °C	
Boiling point/boiling range	: 2 467 °C	
Flash point	: No data available	
Bulk density	: No data available	
Flammability (solid, gas)	: The substance or mix with the category 1.	xture is a flammable solid
Smoldering temperature	: >230 °C	
Auto-flammability	: No data available	
Upper explosion limit	: No data available	
Lower explosion limit	: 30 g/m3	
Vapour pressure	: No data available	
Density	: No data available	
Water solubility	: No data available	
Miscibility with water	: immiscible	
Solubility in other solvents	: No data available	
Partition coefficient: n-octanol/wate	r : No data available	
Ignition temperature	: 340 °C	
Thermal decomposition	: No data available	
Viscosity, dynamic	: No data available	
Viscosity, kinematic	: No data available	
Flow time	: No data available	

9.2 Other information

No data available

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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.
	No decomposition if stored and applied as directed.
	Dust may form explosive mixture in air.

10.4 Conditions to avoid

Conditions to avoid 10.5 Incompatible materials	: Heat, flames and sparks.
Materials to avoid	: Acids Bases Oxidizing agents Water

10.6 Hazardous decomposition products

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

No data available

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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

No data available

Aspiration toxicity

No data available

Further information

Product

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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

12.6 Other adverse effects

Product:

Additional ecological : No data available information

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	 Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container.
Contaminated packaging	 Send to a licensed waste management company. Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum.

SECTION 14: Transport information

14.1 UN number	
ADR	: 1309
ADR	. 1509
TDG	: 1309
CFR	: 1309
IMDG	: 1309
ΙΑΤΑ	: 1309
14.2 Proper shipping name	
ADR	: ALUMINIUM POWDER, COATED
TDG	: ALUMINUM POWDER, COATED
CFR	: ALUMINUM POWDER, COATED
IMDG	: ALUMINIUM POWDER, COATED
ΙΑΤΑ	: ALUMINIUM POWDER, COATED
14.3 Transport hazard class	
ADR	: 4.1

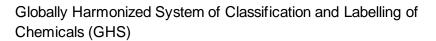
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TDG	: 4.1	
CFR	: 4.1	
IMDG	: 4.1	
ΙΑΤΑ	: 4.1	
14.4 Packing group		
ADR		
Packaging group	: 11	
Classification Code	: F3	
Hazard Identification Number	: 40	
Labels	: 4.1	
Tunnel restriction code	: (E)	
TDG		
Packaging group	: 11	
Labels	: 4.1	
CFR		
Packaging group	: 11	
Labels	: 4.1	
IMDG		
Packaging group	: 11	
Labels	: 4.1	
EmS Number	: F-G, S-G	
ΙΑΤΑ		
Packing instruction (cargo aircraft)	: 448	
Packing instruction (passenger aircraft)	: 445	
Packing instruction (LQ)	: Y441	
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Packaging group	:	II
Labels	:	4.1

14.5 Environmental hazards

14.6 Special precautions for user

IMDG Code- segregation group:

: IMDG Code segregation group 15 - Powdered metals

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 applicableRegulation (EC) No 1005/2009 on substances that
deplete the ozone layer
Regulation (EU) 2019/1021 on persistent organic
pollutants (recast): Not applicableREACH - Restrictions on the manufacture, placing on
the market and use of certain dangerous substances,
preparations and articles (Annex XVII): Not applicable

15.2 Chemical safety assessment

No data available

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SECTION 16: Other information

Full text of H-Statements

H228 : Flammable solid.

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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