

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 26.05.2010

Revision: 26.05.2010

### 1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** Cosmetic Metallic Powder Visionaire ....  
... Bright Silver Sea
- **MSDS number:** COSA8
- **Application of the substance / the preparation Pigment**
- **Manufacturer/Supplier:**  
ECKART GmbH  
Güntersthal 4  
D-91235 Hartenstein
- **Further information obtainable from:**  
O-SE-RA  
Tel. +49 (0)9152 - 77 4492  
Angelika.HartlGunselmann@altana.com
- **Information in case of emergency:**  
GBK Gefahrgut Büro GmbH, Ingelheim, Germany:  
From Outside US: (001) 352-323-3500  
(First call in English / Response in your language is possible)  
Toll free (US&Canada): 1-800-5355053

### 2 Hazards identification

- **Hazard description:**  
F Highly flammable
- **Information concerning particular hazards for human and environment:**  
R 11 Highly flammable.

### 3 Composition/information on ingredients

- **Chemical characterization:**
- **CAS No. Description**  
aluminium pigment, silica-coated
- **Identification number(s)**
- **EINECS Number:** 231-072-3
- **Chemical characterization**
- **Description:** aluminium

### 4 First-aid measures

- **General information:**  
Take affected persons out into the fresh air.  
Take affected persons out of danger area and lay down.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Immediately wash with water and soap and rinse thoroughly.  
Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

GB

(Contd. on page 2)

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 26.05.2010

Revision: 26.05.2010

**Trade name: Cosmetic Metallic Powder Visionaire ....**  
**... Bright Silver Sea**

(Contd. of page 1)

## 5 Fire-fighting measures

- **Suitable extinguishing agents:**  
 Dry sand  
 Special powder for metal fires. Do not use water.  
 ABC powder  
 Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:**  
 Carbon dioxide  
 Foam  
 Water
- **Protective equipment:** Wear fully protective suit.

## 6 Accidental release measures

- **Person-related safety precautions:**  
 Avoid formation of dust.  
 Keep away from ignition sources.  
 Wear protective equipment. Keep unprotected persons away.  
 Remove persons from danger area.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**  
 Pick up mechanically.  
 Dispose of the material collected according to regulations.  
 Ensure adequate ventilation.  
 Do not flush with water or aqueous cleansing agents

## 7 Handling and storage

- **Handling:**
- **Information for safe handling:**  
 Keep receptacles tightly sealed.  
 Keep away from heat and direct sunlight.  
 Handle with care. Avoid jolting, friction and impact.  
 Any unavoidable deposit of dust must be regularly removed.  
 Store in cool, dry place in tightly closed receptacles.
- **Information about fire - and explosion protection:**  
 Dust can combine with air to form an explosive mixture.  
 Keep ignition sources away - Do not smoke.  
 Protect from heat.  
 Protect against electrostatic charges.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
 Store only in the original receptacle.  
 Use only receptacles specifically permitted for this substance/product.  
 Store in a cool location.
- **Information about storage in one common storage facility:** Store away from flammable substances.
- **Further information about storage conditions:**  
 Protect from humidity and water.  
 Protect from heat and direct sunlight.  
 Caution when reopening receptacles with broken seal.  
 Keep container tightly sealed.

(Contd. on page 3)

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 26.05.2010

Revision: 26.05.2010

**Trade name: Cosmetic Metallic Powder Visionaire ....**  
**... Bright Silver Sea**

Store in cool, dry conditions in well sealed receptacles.

(Contd. of page 2)

## 8 Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.

· **Ingredients with limit values that require monitoring at the workplace:**

**aluminium pigment, silica-coated**

<i>WEL</i>	Long-term value: 10* 4** mg/m <sup>3</sup>
------------	--

· **Additional information:** The lists valid during the making were used as basis.

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Do not eat, drink, smoke or sniff while working.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

· **Respiratory protection:** Filter P2

· **Protection of hands:**

Leather gloves

Long cuffed gloves

Preventive skin protection by use of skin-protecting agents is recommended.

Prior to contact with the waterinsoluble substance / product / preparation apply watersoluble skin-protecting agent (fat-free film former or O/W-emulsions).

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**

Face protection

Safety glasses

· **Body protection:**

Use protective suit.

Protective work clothing

## 9 Physical and chemical properties

· **General Information**

<b>Form:</b>	Powder
<b>Colour:</b>	Silver-coloured
<b>Odour:</b>	Odourless

· **Change in condition**

**Melting point/Melting range:** 660°C

**Boiling point/Boiling range:** 2467°C

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Highly flammable.

(Contd. on page 4)

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 26.05.2010

Revision: 26.05.2010

**Trade name: Cosmetic Metallic Powder Visionaire ....**  
**... Bright Silver Sea**

(Contd. of page 3)

· <b>Ignition temperature:</b>	> 600°C
· <b>Danger of explosion:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· <b>Density at 20°C:</b>	2.7 g/cm <sup>3</sup>
· <b>Solubility in / Miscibility with water:</b>	Insoluble.

## 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**  
 No decomposition if used and stored according to specifications.  
 No decomposition if used according to specifications.
- **Materials to be avoided:**
- **Dangerous reactions**  
 Risk of dust explosion.  
 Forms explosive gas mixture with air.  
 Reacts with acids, alkalis and oxidizing agents.  
 Reacts when heated with acids and alkalis releasing hydrogen.
- **Dangerous decomposition products:**  
 Hydrogen  
 Carbon monoxide and carbon dioxide

## 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.

## 12 Ecological information

- **Additional ecological information:**
- **General notes:**  
 Generally not hazardous for water  
 Do not allow product to reach ground water, water course or sewage system.

## 13 Disposal considerations

- **Product:**
- **Recommendation**  
 Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· <b>European waste catalogue</b>
12 01 04   non-ferrous metal dust and particles

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

GB

(Contd. on page 5)

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 26.05.2010

Revision: 26.05.2010

**Trade name: Cosmetic Metallic Powder Visionaire ....**  
**... Bright Silver Sea**

(Contd. of page 4)

## 14 Transport information

· **Land transport ADR/RID (cross-border)**  
 · **ADR/RID class:** 4.1 Flammable solids, self-reactive substances and solid desensitised explosives.  
 · **Danger code (Kemler):** 40  
 · **UN-Number:** 1309  
 · **Packaging group:** II  
 · **Hazard label:** 4.1  
 · **Description of goods:** 1309 ALUMINIUM-PULVER, ÜBERZOGEN  
 1309 ALUMINIUM POWDER, COATED

· **Maritime transport IMDG:**  
 · **IMDG Class:** 4.1  
 · **UN Number:** 1309  
 · **Label:** 4.1  
 · **Packaging group:** II  
 · **EMS Number:** F-G,S-G  
 · **Marine pollutant:** No  
 · **Proper shipping name:** ALUMINIUM POWDER, COATED

· **Air transport ICAO-TI and IATA-DGR:**  
 · **ICAO/IATA Class:** 4.1  
 · **UN/ID Number:** 1309  
 · **Label:** 4.1  
 · **Packaging group:** II  
 · **Proper shipping name:** ALUMINIUM POWDER, COATED

## 15 Regulatory information

· **Labelling according to EU guidelines:**  
 The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

· **Code letter and hazard designation of product:**



F Highly flammable

· **Risk phrases:**  
 11 Highly flammable.

· **Safety phrases:**  
 7/8 Keep container tightly closed and dry.  
 43 In case of fire, use dry sand. Never use water.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing MSDS:** O-SE-RA Regulatory Affairs

· **Contact:**

Dr. Angelika Hartl-Gunselmann

Tel.: ++49 (0) 9152 77 4492

FAX: ++49 (0) 9152 77 4499

Angelika.HartlGunselmann@altana.com

· **\* Data compared to the previous version altered.**