

**VISIONAIRE Bright Splendid Red 34**

Version 1.1

Revision Date 13.05.2022

Print Date 14.05.2022

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade name : VISIONAIRE Bright Splendid Red 34  
Material number : 041711JS0

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

Use of the Substance/Mixture : Cosmetic products

**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**

Not a dangerous substance according to GHS.

**VISIONAIRE Bright Splendid Red 34**

Version 1.1

Revision Date 13.05.2022

Print Date 14.05.2022

**GHS-Labeling**

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

**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. :

**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.  
 No hazards which require special first aid measures.
- If inhaled : 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.

**VISIONAIRE Bright Splendid Red 34**

Version 1.1

Revision Date 13.05.2022

Print Date 14.05.2022

- In case of eye contact : Remove contact lenses.
- 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**

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 : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Unsuitable extinguishing media : ABC powder, High volume water jet

**5.2 Special hazards arising from the substance or mixture**

This information is not available.

**5.3 Advice for firefighters**

- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.
- Further information : Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**VISIONAIRE Bright Splendid Red 34**

Version 1.1

Revision Date 13.05.2022

Print Date 14.05.2022

---

**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**

Environmental precautions : 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.  
  
Pick up and arrange disposal without creating dust.  
Sweep up and shovel.  
Do not flush with water.  
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.

For personal protection see section 8. Smoking, eating and  
drinking should be prohibited in the application area.

**VISIONAIRE Bright Splendid Red 34**

Version 1.1

Revision Date 13.05.2022

Print Date 14.05.2022

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.

Normal measures for preventive fire protection.

Hygiene measures : General industrial hygiene practice.

**7.2 Conditions for safe storage, including any incompatibilities**

Requirements for storage areas and containers : Earthing of containers and apparatuses is essential. Use explosion-proof equipment. Store in original container. Keep containers tightly closed in a cool, well-ventilated place. Keep away from sources of ignition - No smoking. Keep container closed when not in use.

Electrical installations / working materials must comply with the technological safety standards.

Further information on storage conditions : Protect from humidity and water.

Advice on common storage : Do not store together with oxidizing and self-igniting products. Never allow product to get in contact with water during storage. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Other data : No decomposition if stored and applied as directed.

**7.3 Specific end use(s)**

This information is not available.

**VISIONAIRE Bright Splendid Red 34**

Version 1.1

Revision Date 13.05.2022

Print Date 14.05.2022

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

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Update	Basis
aluminium powder (stabilised)	7429-90-5	AGW (Inhalable fraction)	10 mg/m <sup>3</sup>	2014-04-02	DE TRGS 900
Peak-limit: excursion factor (category)		2;(II)			
aluminium powder (stabilised)	7429-90-5	AGW (Alveolate fraction)	1,25 mg/m <sup>3</sup>	2014-04-02	DE TRGS 900
Peak-limit: excursion factor (category)		2;(II)			
silicon dioxide	7631-86-9	AGW (Inhalable fraction)	4 mg/m <sup>3</sup>	2013-09-19	DE TRGS 900
Further information		Senate commission for the review of compounds at the work place dangerous for the health (MAK-commission). Colloidal amorphous silica, including pyrogenic silica and in wet processes manufactured silica (precipitated silica, silicagel). When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child			

**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/m <sup>3</sup>	2013-10-08	

**VISIONAIRE Bright Splendid Red 34**

Version 1.1

Revision Date 13.05.2022

Print Date 14.05.2022

aluminium powder (stabilised)	7429-90-5	TWA (total dust)	15 mg/m3	2012-07-01	
aluminium powder (stabilised)	7429-90-5	TWA (total)	10 mg/m3	2013-10-08	
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	7429-90-5	TWA (Total dust)	15 mg/m3	1989-01-19	

**VISIONAIRE Bright Splendid Red 34**

Version 1.1

Revision Date 13.05.2022

Print Date 14.05.2022

(stabilised)					
aluminium powder (stabilised)	7429-90-5	TWA (respirable dust fraction)	5 mg/m3	1989-01-19	
aluminium powder (stabilised)	7429-90-5	TWA (welding fumes)	5 mg/m3	2013-10-08	
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	

**8.2 Exposure controls**
**Personal protective equipment**

Eye protection : Goggles  
 : Safety glasses

**Hand protection**

Material : Nitrile rubber

Remarks : The choice of an appropriate glove does not only depend on



**VISIONAIRE Bright Splendid Red 34**

Version 1.1

Revision Date 13.05.2022

Print Date 14.05.2022

its material but also on other quality features and is different from one producer to the other.

- Skin and body protection : Anti-static and fire resistant protective clothing. DIN EN 11612; EN 533; EN 1149-1. Anti-static safety shoes.
- Respiratory protection : Use suitable breathing protection if workplace concentration requires.  
Breathing apparatus with filter.  
P1 filter

**Environmental exposure controls**

- General advice :
- : If the product contaminates rivers and lakes or drains inform respective authorities.
- Water : The product should not be allowed to enter drains, water courses or the soil.
- :

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

- Appearance : solid
- Colour : red
- Odour : odourless
- pH : substance/mixture is non-soluble (in water)
- Freezing point : No data available

**VISIONAIRE Bright Splendid Red 34**

Version 1.1

Revision Date 13.05.2022

Print Date 14.05.2022

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

**9.2 Other information**

Self-Accelerating decomposition temperature (SADT)	: No data available
Self-heating substances	: No data available
Heat of combustion	: No data available
Impact sensitivity	: No data available

**VISIONAIRE Bright Splendid Red 34**

Version 1.1

Revision Date 13.05.2022

Print Date 14.05.2022

Surface tension : No data available

Conductivity : No data available

Sublimation point : No data available

Molecular weight : 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 : Stable under recommended storage conditions.

**10.4 Conditions to avoid**

Conditions to avoid : No data available

**10.5 Incompatible materials**Materials to avoid : Acids  
Bases  
Oxidizing agents  
Water**10.6 Hazardous decomposition products**

Hazardous decomposition products : No data available

**VISIONAIRE Bright Splendid Red 34**

Version 1.1

Revision Date 13.05.2022

Print Date 14.05.2022

---

Other information : No data available

---

**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

**VISIONAIRE Bright Splendid Red 34**

Version 1.1

Revision Date 13.05.2022

Print Date 14.05.2022

---

**STOT - repeated exposure**

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**

**VISIONAIRE Bright Splendid Red 34**

Version 1.1

Revision Date 13.05.2022

Print Date 14.05.2022

No data available

**12.6 Other adverse effects****Product:**

Additional ecological information : No data available

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

Product : In accordance with local and national regulations.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.  
In accordance with local and national regulations.

**SECTION 14: Transport information****14.1 UN number****ADR**

Not dangerous goods

**TDG**

Not dangerous goods

**CFR**

Not dangerous goods

**IMDG**

**VISIONAIRE Bright Splendid Red 34**

Version 1.1

Revision Date 13.05.2022

Print Date 14.05.2022

Not dangerous goods

**IATA**

Not dangerous goods

**14.2 Proper shipping name**

**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**

Page 15 / 18

102000032851

A member of  **ALTANA**

**VISIONAIRE Bright Splendid Red 34**

Version 1.1

Revision Date 13.05.2022

Print Date 14.05.2022

Not dangerous goods

**TDG**

Not dangerous goods

**CFR**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

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****Prohibition/Restriction**

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59) : Not applicable

**Prohibition/Restriction**

Regulation (EC) No 1005/2009 on substances that : Not applicable



**VISIONAIRE Bright Splendid Red 34**

Version 1.1

Revision Date 13.05.2022

Print Date 14.05.2022

deplete the ozone layer

**Prohibition/Restriction**Regulation (EU) 2019/1021 on persistent organic  
pollutants (recast) : Not applicable**Prohibition/Restriction**REACH - Restrictions on the manufacture, placing on  
the market and use of certain dangerous substances,  
preparations and articles (Annex XVII) : Banned and/or restricted  
(aluminium powder (stabilised))**15.2 Chemical safety assessment**

No data available

**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.

**VISIONAIRE Bright Splendid Red 34**

Version 1.1

Revision Date 13.05.2022

Print Date 14.05.2022

---