

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 21.06.2018

Version n° 5

Revision: 21.06.2018

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

**1.1 Product identifier**                      **5-[(E)-2-(4-hydroxyphenyl)ethenyl]benzene-1,3-diol**  
**CAS N° : 501-36-0**

**Trade Name :**                                      Resve

**INCI Name :**                                        Resveratrol

**MINASOLVE Code:**                              PFS0023

**REACH Registration number :**              Currently exempted from REACH registration due to annual volume < 1mt

**1.2 Relevant identified uses of the substance or mixture and uses advised against**                      Relevant identifies uses : cosmetic ingredient

**1.3 Details of the supplier of the safety data sheet**                      Minasolve S.A.S.  
145, Chemin des Lilas  
F-59310 Beuvry-la-Forêt  
+33 3 20 64 68 30

**E-Mail (Writer SDS)**                              sds@minakem.com

**1.4 Emergency telephone number:**                      +33 3 20 64 68 30 (MINAKEM)  
+33 1 45 42 59 59 (INRS - ORFILA)

### SECTION 2: Hazards identification

**2.1 Classification of the substance or mixture**  
**Classification according to Regulation (EC) No 1272/2008**                      -

**2.2 Label elements**  
**Labelling according to Regulation (EC) No 1272/2008**                      -  
**Hazard pictograms**                                      -  
**Signal word**    -

**Hazard statements**                                      -

**Precautionary statements**                      P260 Do not breathe dust.  
P262 Do not get in eyes, on skin, or on clothing.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P314 Get medical advice/attention if you feel unwell.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

(Contd. on page 2)

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 21.06.2018

Version n° 5

Revision: 21.06.2018

**Product identifier** 5-[(E)-2-(4-hydroxyphenyl)ethenyl]benzene-1,3-diol  
**CAS N° : 501-36-0**

(Contd. of page 1)

### **2.3 Other hazards**

no data available

## **SECTION 3: Composition/information on ingredients**

### **3.1 Chemical characterisation: Substances**

**Chemical Name** 5-[(E)-2-(4-hydroxyphenyl)ethenyl]benzene-1,3-diol

**Identification numbers:** CAS N° : 501-36-0  
EC N° : -  
INDEX N° : -

**Concentration:** ≥ 98%

## **SECTION 4: First aid measures**

### **4.1 Description of first aid measures**

**After inhalation:** Supply fresh air. If required, provide artificial respiration.  
Consult doctor if symptoms persist.

**After skin contact:** Remove contaminated clothes, wash affected area with soap  
and water and rinse thoroughly.  
If skin irritation continues, consult a doctor.

**After eye contact:** Rinse opened eye for several minutes under running water.  
Then consult a doctor.

**After swallowing:** Do not induce vomiting; call for medical help immediately.

**4.2 Most important symptoms  
and effects, both acute and  
delayed** no data available

**4.3 Indication of any immediate  
medical attention and special  
treatment needed** no data available

## **SECTION 5: Firefighting measures**

**5.1 Suitable extinguishing  
agents:** CO<sub>2</sub>, powder or foam

**5.2 Special hazards arising from  
the substance or mixture** Formation of toxic gases is possible during heating or in case of  
fire : CO.

### **5.3 Advice for firefighters**

**Protective equipment:** Wear self-contained respiratory protective device.

(Contd. on page 3)

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 21.06.2018

Version n° 5

Revision: 21.06.2018

**Product identifier** 5-[(E)-2-(4-hydroxyphenyl)ethenyl]benzene-1,3-diol  
**CAS N° : 501-36-0**

(Contd. of page 2)

Wear fully protective suit.

### SECTION 6: Accidental release measures

**6.1 Personal precautions,  
protective equipment and  
emergency procedures**

Use personal protection equipment recommended in section 8  
Keep contaminated washing water and dispose of  
appropriately.

**6.2 Environmental precautions:**

Do not allow to penetrate the ground/soil.

**6.3 Methods and material for  
containment and cleaning up:**

Send for recovery or disposal in suitable receptacles.

**6.4 Reference to other sections**

See Section 13 for disposal information.

### SECTION 7: Handling and storage

**7.1 Precautions for safe  
handling**

Ensure good ventilation/exhaustion at the workplace.

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

**Storage conditions:**

Store at room temperature and dry conditions in well sealed  
receptacles.

Protect from heat and direct sunlight.

**7.3 Specific end use(s)**

no data available

### SECTION 8: Exposure controls/personal protection

**8.1 Control parameters**

no data available

**8.2 Exposure controls**

**Personal protective equipment:**

**General protective and hygienic  
measures:**

Ensure good ventilation/exhaustion at the workplace.

**Respiratory protection :**

In case of brief exposure or low pollution use respiratory filter  
device. In case of intensive or longer exposure use self-  
contained respiratory protective device.



Suitable respiratory protective device recommended:  
P3 respiratory filter

**Protection of hands:**



Wear protective gloves

(Contd. on page 4)

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 21.06.2018

Version n° 5

Revision: 21.06.2018

**Product identifier** 5-[(E)-2-(4-hydroxyphenyl)ethenyl]benzene-1,3-diol  
**CAS N° : 501-36-0**

(Contd. of page 3)

**Material of gloves  
(recommendation) :**

Neoprene or nitrile 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.

**Eye protection:**



Wear safety goggles

Check that an emergency eyewash facility is available near the handling zone

**Body protection:**



Wear protective work clothing: safety shoes, apron

Check that a security shower is available near the handling zone

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

<b><u>Appearance:</u></b>	Powder
<b><u>Colour:</u></b>	Off-white to beige
<b><u>Odour:</u></b>	Characteristic
<b><u>Odour threshold:</u></b>	no data available
<b><u>pH-value:</u></b>	no data available
<b><u>Melting point:</u></b>	260 °C
<b><u>Initial boiling point and boiling range:</u></b>	no data available
<b><u>Evaporation rate:</u></b>	no data available
<b><u>Flash point:</u></b>	no data available
<b><u>Flammability (solid, gas):</u></b>	no data available
<b><u>Decomposition temperature:</u></b>	no data available
<b><u>Auto-ignition temperature:</u></b>	no data available
<b><u>Explosive properties:</u></b>	no data available
<b><u>Explosion limits:</u></b>	no data available
<b><u>Oxidising properties:</u></b>	no data available
<b><u>Vapour pressure:</u></b>	no data available
<b><u>Density:</u></b>	
<b><u>Relative density at 20 °C:</u></b>	1.36 g/cm <sup>3</sup>
<b><u>Vapour density:</u></b>	no data available
<b><u>Solubility(ies)</u></b>	
<b><u>water at 25 °C:</u></b>	100 mg/l
<b><u>organic solvents:</u></b>	no data available
<b><u>Partition coefficient: n-octanol/water:</u></b>	no data available
<b><u>Viscosity:</u></b>	no data available

(Contd. on page 5)

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 21.06.2018

Version n° 5

Revision: 21.06.2018

**Product identifier** 5-[(E)-2-(4-hydroxyphenyl)ethenyl]benzene-1,3-diol  
**CAS N° : 501-36-0**

### 9.2 Other information

no data available

(Contd. of page 4)

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

no data available

### 10.2 Chemical stability

#### **Conditions to be avoided:**

no data available

### 10.3 Possibility of hazardous reactions

no data available

### 10.4 Conditions to avoid

no data available

### 10.5 Incompatible materials:

Acids  
Bases  
Oxidizing agents  
Reducing agents

### 10.6 Hazardous decomposition products:

Formation of toxic gases is possible during heating or in case of fire : CO.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Subacute toxicity (RTECS CZ8987000) : equivocal results

Oral (guinea pig), 16 days-C : TDLo = 224 mg/kg

Oral (rat), 15 days-C / 20 days-C / 30 days-C / 8 weeks-C :  
TDLo = 15 mg/kg / 12 mg/kg / 45 mg/kg / 560 to 1120 mg/kg

Oral (mouse), 30 days-C / 28 weeks-C : TDLo = 0,06 to 15 mg/kg / 1176 mg/kg

#### Primary irritant effect:

#### Skin corrosion/irritation

Based on available data, the classification criteria are not met.

#### Serious eye damage/irritation

Based on available data, the classification criteria are not met.

#### Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

#### Additional toxicological information:

The substance may be harmful by inhalation, in contact with skin and by ingestion.  
This substance may be irritating to the eyes.

#### Sensitisation

no data available

#### Repeated dose toxicity

no data available

#### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

#### Germ cell mutagenicity

Study results RTECS CZ8987000 do not support a conclusion/prediction on the mutagenic effect of the product.

#### Carcinogenicity

Based on available data, the classification criteria are not met.

(Contd. on page 6)

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 21.06.2018

Version n° 5

Revision: 21.06.2018

**Product identifier** 5-[(E)-2-(4-hydroxyphenyl)ethenyl]benzene-1,3-diol  
**CAS N° : 501-36-0**

**Reproductive toxicity**  
**STOT-single exposure**  
**STOT-repeated exposure**  
**Aspiration hazard**

(Contd. of page 5)

Based on available data, the classification criteria are not met.  
Based on available data, the classification criteria are not met.  
Based on available data, the classification criteria are not met.  
Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

<b>12.1 Toxicity</b>	no data available
<b>12.2 Persistence and degradability</b>	no data available
<b>12.3 Bioaccumulative potential</b>	no data available
<b>12.4 Mobility in soil</b>	no data available
<b>12.5 Results of PBT and vPvB assessment</b>	no data available
<b>12.6 Other adverse effects</b>	no data available

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

**Recommendation**

Do not allow product to reach sewage system or any water course  
Must be specially treated adhering to official regulations.  
Incineration according to regulation in force  
Do not allow to penetrate the ground/soil

### SECTION 14: Transport information

<b>14.1 UN-Number</b>	not applicable
<b>14.2 UN proper shipping name</b>	not applicable
<b>14.3 Transport hazard class(es)</b>	not applicable
<b>14.4 Packing group</b>	not applicable
<b>14.5 Environmental hazards:</b>	not applicable
<b>14.6 Special precautions for user</b>	no data available
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	not applicable
<b>UN "Model Regulation":</b>	Void

### SECTION 15: Regulatory information

(Contd. on page 7)

GB

**Safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date 21.06.2018

Version n° 5

Revision: 21.06.2018

**Product identifier** 5-[(E)-2-(4-hydroxyphenyl)ethenyl]benzene-1,3-diol  
**CAS N° : 501-36-0**

(Contd. of page 6)

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

No further relevant information available.

**Directive 2012/18/EU  
Named dangerous substances -  
ANNEX I**

Substance is not listed.

**15.2 Chemical safety  
assessment:**

A Chemical Safety Assessment has not been carried out.

**SECTION 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.

**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative

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

GB