

**Cosmenyl Red BLS gran.**

Page 1(12)

Substance key: KS8686

Revision Date: 21.06.2022

Version : 3 - 0 / EU

Date of printing : 01.02.2023

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

**1.1. Product identifier**

**Trade name**

Cosmenyl Red BLS gran.

**Material number:** 102087

**Chemical nature:** C.I.PIGMENT RED 5

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

**Relevant identified uses of the substance or mixture**

Industry sector : Textile processing industry

Personal Care

Type of use : Colouring agent

**1.3. Details of the supplier of the safety data sheet**

**Identification of the company**

Heubach Colorants Germany GmbH

Brüningstraße 50

65929 Frankfurt am Main

Telephone no. : +49 69 305 13619

**Information about the substance/mixture**

Product Stewardship

e-mail: SDS.PI.Europe@clariant.com

**1.4. Emergency telephone number**

00800-5121 5121 (24 h)

---

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture.

**2.2 Label elements**

**Labelling (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture.

**2.3 Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**Cosmenyl Red BLS gran.**

Page 2(12)

Substance key: KS8686

Revision Date: 21.06.2022

Version : 3 - 0 / EU

Date of printing : 01.02.2023

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Product must be classified as a self-heating substance category 2 (H252), if it is handled in containers > 450 L.

---

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

**3.2 Mixtures**

**Components**

Remarks : No hazardous ingredients

---

**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

- General advice : Get medical advice/ attention if you feel unwell.
- If inhaled : Remove from danger zone
- In case of skin contact : Rinse immediately with plenty of water and seek medical advice.
- In case of eye contact : Rinse immediately with plenty of water and seek medical advice.
- If swallowed : If swallowed, call a poison control centre or doctor immediately.

**4.2 Most important symptoms and effects, both acute and delayed**

- Symptoms : No symptoms known currently.
- Risks : No special measures necessary.

**4.3 Indication of any immediate medical attention and special treatment needed**

- Treatment : Treat symptomatically.

---

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

- Suitable extinguishing media : Water spray jet  
Foam
- Unsuitable extinguishing media : High volume water jet  
Carbon dioxide (CO<sub>2</sub>)  
Dry powder

**Cosmenyl Red BLS gran.**

Page 3(12)

Substance key: KS8686

Revision Date: 21.06.2022

Version : 3 - 0 / EU

Date of printing : 01.02.2023

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

Specific hazards during firefighting : Carbon oxides  
Nitrogen oxides (NOx)

**5.3 Advice for firefighters**

Special protective equipment for firefighters : Self-contained breathing apparatus  
Further information : Cool container and metallic parts with a water spray jet

---

**SECTION 6: Accidental release measures**

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

Personal precautions : Wear suitable protective equipment.  
Do not empty into drains.  
Do not dispose of waste into sewer.  
Take up as such and consider recycling.

**6.2 Environmental precautions**

Environmental precautions : The product should not be allowed to enter drains, water courses or the soil.

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

Methods for cleaning up : Avoid dust formation.  
Take measures to prevent the build up of electrostatic charge.  
Use mechanical handling equipment.  
Treat recovered material as described in the section "Disposal considerations".

**6.4 Reference to other sections**

Information regarding Safe handling, see chapter 7., For personal protection see section 8., For disposal considerations see section 13.

---

**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling**

Advice on safe handling : Keep container tightly closed.  
Keep container in a well-ventilated place.  
Advice on protection against fire and explosion : Take precautionary measures against static discharges.  
Avoid dust formation.  
Keep away sources of ignition.

**Cosmenyl Red BLS gran.**

Page 4(12)

Substance key: KS8686

Revision Date: 21.06.2022

Version : 3 - 0 / EU

Date of printing : 01.02.2023

Hygiene measures : This preparation is classified as non-hazardous. However the usual precautions for handling chemicals must be observed to avoid contact with the skin, eyes and respiratory tract. In case of contact with the product, wash the eye immediately with running water and the skin with water and soap.

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

Further information on storage conditions : Keep containers tightly closed in a cool, well-ventilated place. Handle and open container with care.

**7.3 Specific end use(s)**

Specific use(s) : No further recommendations.

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:**

Substance name	End Use	Exposure routes	Potential health effects	Value
Sodium sulphate CAS-No.: 7757-82-6	Workers	Inhalation	Long-term systemic effects	20 mg/m3
	Remarks:DNEL			
	Workers	Inhalation	Long-term local effects	20 mg/m3
	Remarks:DNEL			
	General population	Inhalation	Long-term systemic effects	12 mg/m3
	Remarks:DNEL			
	General population	Inhalation	Long-term local effects	12 mg/m3
	Remarks:DNEL			

**Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:**

Substance name	Environmental Compartment	Value
Sodium sulphate CAS-No.: 7757-82-6	Fresh water	11,09 mg/l
	Marine water	1,109 mg/l
	Water (intermittent release)	17,66 mg/l
	Fresh water sediment	40,2 mg/kg dry weight (d.w.)
	Marine sediment	4,02 mg/kg dry weight (d.w.)
	Soil	1,54 mg/kg dry weight (d.w.)
	Sewage treatment plant	800 mg/l

**Cosmenyl Red BLS gran.**

Page 5(12)

Substance key: KS8686

Revision Date: 21.06.2022

Version : 3 - 0 / EU

Date of printing : 01.02.2023

**8.2 Exposure controls**

**Engineering measures**

Handle only in a place equipped with local exhaust (or other appropriate exhaust).

**Personal protective equipment**

Eye protection : Safety glasses

Hand protection

Remarks : Nitrile rubber Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Skin and body protection : Wear suitable protective equipment.

Respiratory protection : Respirator must be worn if exposed to dust.

Protective measures : Wear suitable protective equipment.

---

**SECTION 9: Physical and chemical properties**

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

Physical state : Granules

Colour : red

Odour : not specified

Odour Threshold : not required

Melting point : Not applicable

Boiling point : (1.013 hPa)  
Not applicable

Flammability : Not classified as a flammability hazard

Upper explosion limit / upper flammability limit : not tested.

Lower explosion limit / Lower flammability limit : not tested.

Flash point : Not applicable

Auto-ignition temperature : not tested.

Decomposition temperature : 200 °C  
Method: isoperibolic decomposition test

250 °C  
Decomposition energy (mass): 236 kJ/kg

**Cosmenyl Red BLS gran.**

Page 6(12)

Substance key: KS8686

Revision Date: 21.06.2022

Version : 3 - 0 / EU

Date of printing : 01.02.2023

Method: DSC

The substance or mixture is not classified self-reactive.

pH : approximately 8,5 (20 °C)  
Concentration: 10 g/l

Viscosity

Viscosity, dynamic : not tested.

Viscosity, kinematic : no data available

Solubility(ies)

Water solubility : dispersion

Solubility in other solvents : Solvent: fat  
not tested.

Partition coefficient: n-  
octanol/water : not tested.

Vapour pressure : not tested.

Relative density : no data available

Density : not tested.

Relative vapour density : not tested.

Particle characteristics

Particle size : not determined

**9.2 Other information**

Explosives : Not explosive  
Not explosive  
Method: Expert judgement

Oxidizing properties : The substance or mixture is not classified as oxidizing.  
Method: Expert judgement

Flammable solids

Burning number : 2 (20 °C)  
Method: Combustibility test safety laboratory  
Short flaring up without spreading

2 (100 °C)  
Method: Combustibility test safety laboratory  
Short flaring up without spreading

Self-ignition : 220 °C  
Method: In a 400 ml wire basket (SIT 400)

**Cosmenyl Red BLS gran.**

Page 7(12)

Substance key: KS8686

Revision Date: 21.06.2022

Version : 3 - 0 / EU

Date of printing : 01.02.2023

Self-heating substances	:	< 450 cm <sup>3</sup> The substance or mixture is not classified as self heating.
Metal corrosion rate	:	Not applicable
Impact sensitivity	:	Not impact sensitive. Method: BAM-Fallhammer
Evaporation rate	:	not tested.
Minimum ignition energy	:	not determined
Molecular weight	:	no data available

---

**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

No dangerous reaction known under conditions of normal use.

**10.2 Chemical stability**

Stable

**10.3 Possibility of hazardous reactions**

Hazardous reactions : None known.Stable

**10.4 Conditions to avoid**

Conditions to avoid : None known.

**10.5 Incompatible materials**

Materials to avoid : None.

**10.6 Hazardous decomposition products**

none

---

**SECTION 11: Toxicological information**

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute toxicity**

**Product:**

Acute oral toxicity : LD50 (Rat): > 5.000 mg/kg  
Method: SANDOZ internal test

Acute inhalation toxicity : Remarks: no data available

Acute dermal toxicity : Remarks: no data available

**Cosmenyl Red BLS gran.**

Page 8(12)

Substance key: KS8686

Revision Date: 21.06.2022

Version : 3 - 0 / EU

Date of printing : 01.02.2023

**Skin corrosion/irritation**

**Product:**

Species : Rabbit  
Method : ETAD methods 001-003 (1979)  
Result : Mild skin irritation  
Remarks : Based on available data, the classification criteria are not met.

**Serious eye damage/eye irritation**

**Product:**

Species : rabbit eye  
Method : ETAD methods 001-003 (1979)  
Result : Mild skin irritation  
Remarks : Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation**

**Product:**

Remarks : no data available

**Germ cell mutagenicity**

**Product:**

Genotoxicity in vitro : Remarks: no data available

Germ cell mutagenicity-  
Assessment : No information available.

**Carcinogenicity**

**Product:**

Carcinogenicity -  
Assessment : No information available.

**Reproductive toxicity**

**Product:**

Reproductive toxicity -  
Assessment : No information available.

**STOT - single exposure**

**Product:**

Remarks : no data available

**STOT - repeated exposure**

**Product:**

Remarks : no data available



**Cosmenyl Red BLS gran.**

Page 9(12)

Substance key: KS8686

Revision Date: 21.06.2022

Version : 3 - 0 / EU

Date of printing : 01.02.2023

**Repeated dose toxicity**

**Product:**

Remarks : This information is not available.

**Aspiration toxicity**

**Product:**

no data available

**11.2 Information on other hazards**

**Endocrine disrupting properties**

**Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

---

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Product:**

Toxicity to fish : Remarks: no data available

Toxicity to daphnia and other aquatic invertebrates : Remarks: no data available

Toxicity to algae/aquatic plants : Remarks: no data available

Toxicity to fish (Chronic toxicity) : Remarks: no data available

Toxicity to microorganisms : Remarks: no data available

**12.2 Persistence and degradability**

**Product:**

Biodegradability : Biodegradation: 50 - 100 %  
Related to: TOC  
Method: static test

**12.3 Bioaccumulative potential**

**Product:**

Bioaccumulation : Remarks: no data available

**Cosmenyl Red BLS gran.**

Page 10(12)

Substance key: KS8686

Revision Date: 21.06.2022

Version : 3 - 0 / EU

Date of printing : 01.02.2023

**12.4 Mobility in soil**

no data available

**12.5 Results of PBT and vPvB assessment**

**Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6 Endocrine disrupting properties**

**Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**12.7 Other adverse effects**

**Product:**

Environmental fate and pathways : no data available

Additional ecological information : no data available

---

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

Product : Incineration in an approved, controlled furnace. Observe: fire hazard data, physical and corrosion data.

Contaminated packaging : Dispose of in accordance with local regulations.

---

**SECTION 14: Transport information**

**Section 14.1. to 14.5.**

ADR	not restricted
ADN	not restricted
RID	not restricted
IATA	not restricted
IMDG	not restricted

**14.6. Special precautions for user**

See sections 6 to 8 of this Safety Data Sheet.

**14.7. Maritime transport in bulk according to IMO instruments**

**Cosmenyl Red BLS gran.**

Page 11(12)

Substance key: KS8686

Revision Date: 21.06.2022

Version : 3 - 0 / EU

Date of printing : 01.02.2023

No transport as bulk according IBC - Code.

---

**SECTION 15: Regulatory information**

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)	: Not applicable
REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).	: Not applicable
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	: Not applicable
Regulation (EU) 2019/1021 on persistent organic pollutants (recast)	: Not applicable
Council Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors	: Neither banned nor restricted
Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals	: Not applicable
REACH - List of substances subject to authorisation (Annex XIV)	: Not applicable

**Other regulations:**

Apart from the data/regulations specified in this chapter, no further information is available concerning safety, health and environmental protection.

**15.2 Chemical safety assessment**

No Chemical Safety Assessment (CSA) is yet available for the substance, or for the component substances, contained in this product.

---

**SECTION 16: Other information**

**Full text of other abbreviations**

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx -

**Cosmenyl Red BLS gran.**

Page 12(12)

Substance key: KS8686

Revision Date: 21.06.2022

Version : 3 - 0 / EU

Date of printing : 01.02.2023

Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

**Further information**

Other information : Observe national and local legal requirements

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. Heubach makes no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of Heubach's products for its particular application. Nothing included in this information waives any of Heubach's General Terms and Conditions of Sale, which control unless it agrees otherwise in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing Heubach products, are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact Heubach.

REG\_EU / EN