

---

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

Product number 158217  
Product name Colorstream® F20-51 SW Lava Red

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

Use of the Sub- : Colouring agent  
stance/Mixture

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

Company SUSONITY Commercial GmbH, Mainzer Straße 41, 64579 Gerns-  
heim, Germany  
Responsible Department \* e-mail: SDS\_inquiries@susonity.com

**1.4 Emergency telephone number**

CHEMTREC International Emergency Telephone Number +1 703-741-  
5970

---

**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.

Precautionary statements : **Prevention:**  
P260 Do not breathe dust.

**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.

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.

# Document

according to Regulation (EC) No. 1907/2006

## Colorstream® F20-51 SW Lava Red

Version: 2.0

Product number: 158217

Revision Date: 03.07.2024

Print Date: 11.01.2026

---

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

Chemical nature : Silicon dioxide coated with:  
ferric oxide  
auxiliaries

#### Components

Remarks : No hazardous ingredients

---

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

If inhaled : fresh air.

In case of skin contact : Take off immediately all contaminated clothing. Rinse skin with water/ shower.

In case of eye contact : rinse out with plenty of water.

Remove contact lenses.

If swallowed : make victim drink water (two glasses at most). Consult doctor if feeling unwell.

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

Symptoms : We have no description of any toxic symptoms.

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

Treatment : No information available.

---

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : For this substance/mixture no limitations of extinguishing agents are given.

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

Specific hazards during fire-fighting : Not combustible.

Ambient fire may liberate hazardous vapours.

## Document

according to Regulation (EC) No. 1907/2006

### Colorstream® F20-51 SW Lava Red

Version: 2.0

Product number: 158217

Revision Date: 03.07.2024

Print Date: 11.01.2026

---

#### 5.3 Advice for firefighters

Special protective equipment for firefighters : Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

Further information : Prevent fire extinguishing water from contaminating surface water or the ground water system.

Suppress (knock down) gases/vapours/mists with a water spray jet.

---

### SECTION 6: Accidental release measures

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

Personal precautions : Advice for non-emergency personnel:  
Avoid inhalation of dusts.  
Evacuate the danger area, observe emergency procedures, consult an expert.  
Advice for emergency responders:  
Protective equipment see section 8.

#### 6.2 Environmental precautions

Environmental precautions : Prevent further leakage or spillage if safe to do so.

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

Methods for cleaning up : Cover drains. Collect, bind, and pump off spills.  
Observe possible material restrictions (see sections 7 and 10).  
Take up dry. Dispose of properly. Clean up affected area.  
Avoid generation of dusts.

#### 6.4 Reference to other sections

For disposal considerations see section 13.

For personal protection see section 8.

---

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Advice on safe handling : Observe label precautions.  
Hygiene measures : Change contaminated clothing. Wash hands after working with substance.

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

Requirements for storage areas and containers : Store in original container.

Further information on storage conditions : Tightly closed. Dry.

Risks from decomposition products: see section 10.3

# Document

according to Regulation (EC) No. 1907/2006

## Colorstream® F20-51 SW Lava Red

Version: 2.0

Product number: 158217

Revision Date: 03.07.2024

Print Date: 11.01.2026

---

Recommended storage temperature : If there is a suitable storage temperature range to be complied with, product label contains the relevant information accordingly.

### 7.3 Specific end use(s)

Specific use(s) : Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

---

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

### 8.2 Exposure controls

#### Engineering measures

Technical measures and appropriate working operations should be given priority over the use of personal protective equipment.

See section 7.1.

#### Personal protective equipment

Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of the hazardous substances handled and must meet the specifications of a standard EN/ISO/DIN. The chemical resistance of the protective equipment should be enquired at the respective supplier.

Eye protection : Safety glasses  
Hand protection : not required  
Filter type : Filter P 1 (acc. to DIN 3181) for solid particles of inert substances

Respiratory protection : required when dusts are generated.

#### Environmental exposure controls

Water : Do not flush into surface water or sanitary sewer system.

---

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state : powder  
Colour : red  
Odour : odourless  
Odour Threshold : Not applicable  
  
Freezing point : No data available  
Boiling point : No data available

# Document

according to Regulation (EC) No. 1907/2006

## Colorstream® F20-51 SW Lava Red

Version: 2.0

Product number: 158217

Revision Date: 03.07.2024

Print Date: 11.01.2026

---

Flammability	:	not combustible
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	Not applicable
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
pH	:	substance/mixture is non-soluble (in water)
Viscosity		
Viscosity, kinematic	:	No data available
Solubility(ies)		
Water solubility	:	practically insoluble
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Vapour pressure	:	No data available
Density	:	No data available
Relative vapour density	:	No data available

### 9.2 Other information

Explosives	:	Not classified as explosive.
Oxidizing properties	:	none

---

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

See section 10.3

### 10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature) .

### 10.3 Possibility of hazardous reactions

Hazardous reactions : no information available

### 10.4 Conditions to avoid

Conditions to avoid : no information available

### 10.5 Incompatible materials

Materials to avoid : no information available

### 10.6 Hazardous decomposition products

in the event of fire: See section 5.

# Document

according to Regulation (EC) No. 1907/2006

**Colorstream® F20-51 SW Lava Red**

Version: 2.0

Product number: 158217

Revision Date: 03.07.2024

Print Date: 11.01.2026

---

## SECTION 11: Toxicological information

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

**Product:**

Acute oral toxicity : No data available  
Acute inhalation toxicity : No data available  
Acute dermal toxicity : No data available  
Acute toxicity (other routes of administration) : No data available

**Skin corrosion/irritation**

**Product:**

No data available

**Serious eye damage/eye irritation**

**Product:**

No data available

**Respiratory or skin sensitisation**

**Product:**

No data available

**Germ cell mutagenicity**

**Product:**

Genotoxicity in vitro : No data available  
Genotoxicity in vivo : No data available

**Carcinogenicity**

**Product:**

No data available

**Reproductive toxicity**

**Product:**

Effects on fertility : No data available  
Effects on foetal development : No data available

**STOT - single exposure**

**Product:**

No data available

**STOT - repeated exposure**

**Product:**

No data available

## Document

according to Regulation (EC) No. 1907/2006

### Colorstream® F20-51 SW Lava Red

Version: 2.0

Product number: 158217

Revision Date: 03.07.2024

Print Date: 11.01.2026

---

#### Repeated dose toxicity

**Product:**

No data 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.

#### Further information

**Product:**

Remarks : Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately.

Remarks : Inhalation of the dusts should be avoided as even inert dusts may impair respiratory organ functions.

Remarks : Handle in accordance with good industrial hygiene and safety practice.

---

## 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

## Document

according to Regulation (EC) No. 1907/2006

### Colorstream® F20-51 SW Lava Red

Version: 2.0

Product number: 158217

Revision Date: 03.07.2024

Print Date: 11.01.2026

---

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:**

Additional ecological information : Discharge into the environment must be avoided.

---

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

Product : Waste should not be disposed of by release to sewers.

---

### SECTION 14: Transport information

Not classified as dangerous in the meaning of transport regulations.

---

### 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 : Not applicable

## Document

according to Regulation (EC) No. 1907/2006

### Colorstream® F20-51 SW Lava Red

Version: 2.0

Product number: 158217

Revision Date: 03.07.2024

Print Date: 11.01.2026

---

tants (recast)

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. Not applicable

Storage class (TRGS 510) : 10 - 13, Other liquids and solids

## 15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out.

---

## 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 - 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

## Document

according to Regulation (EC) No. 1907/2006

### Colorstream® F20-51 SW Lava Red

Version: 2.0

Product number: 158217

Revision Date: 03.07.2024

Print Date: 11.01.2026

---

#### Further information

Decimal notation: "Thousands" places are identified with a dot (example: 2.000 mg/kg means "two thousand mg/kg"). Decimal places are identified with a comma (example: 1,35 g/cm<sup>3</sup>).

#### Revision Note

Safety datasheet sections : SECTION 1 (Unique Formula Identifier )  
which have been updated

#### Disclaimer

The information contained herein is based on the present state of our knowledge. It characterises the product with regard to the appropriate safety precautions. It does not represent a guarantee of any properties of the product. This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

REG\_EU / EN