

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006  
(amended by Regulation (EU) 2020/878)

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## Schulthess Flow Splendid Color

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

#### 1.1. Product identifier

<b>Product name</b>	Schulthess Flow Splendid Color
<b>Product code</b>	15969.0010.005/136057
<b>UFI</b>	TM8G-D63D-WUF2-XT0C

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

<b>Use of the Substance/Mixture</b>	No information available.
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#### 1.3. Details of the supplier of the safety data sheet

<b>Company/Undertaking Identification</b>	Schulthess Maschinen AG Alte Steinhäuserstrasse 1 CH-6330 Cham ZG Tel : +41 52 253 51 11 info@schulthess.ch www.schulthess.ch
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<b>1.4. Emergency telephone number</b>	145 (Tox Info Suisse)
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<b>Revision date</b>	27.04.2022
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<b>Version</b>	2
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### ***SECTION 2: Hazards identification***

#### 2.1. Classification of the substance or mixture

<b>Classification according to Regulation (EC) No. 1272/2008</b>	Serious eye damage/eye irritation, Cat. 2, H319
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<b>Additional information</b>	For the full text of the phrases mentioned in this Section, see Section 16.
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## 2.2. Label elements



<b>Signal Word</b>	Warning
<b>Hazard Statements</b>	H319: Causes serious eye irritation.
<b>Precautionary statements</b>	P102: Keep out of reach of children. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313: If skin irritation occurs: Get medical advice/ attention. P337+P313: If eye irritation persists: Get medical advice/ attention.
<b>Supplemental information</b>	EUH208: Contains . May produce an allergic reaction.
<b>Product identifier</b>	Not required.
<b>2.3. Other hazards</b>	None known.

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

### 3.2. Mixtures

Formulated product.

Components	Weight %	CLP Classification	Product identifier
Rapeseed Methyleneester, ethoxylated	2.5% - 5%	Aquatic Chronic 3 H412	CAS-No.: 518299-31-5
Rapeseed Methyleneester, ethoxylated	2.5% - 5%	Aquatic Chronic 3 H412	CAS-No.: 518299-31-5
Sunfloweroyl Methylglucamide	1% - 2.5%	Aquatic Chronic 3 H412	CAS-No.: 1591782-99-8
Sodium Octyl Sulfate	1% - 2.5%	Eye Dam. 1 H318, Skin Irrit. 2 H315	CAS-No.: 126-92-1 EC-No.: 204-812-8
2-phenoxyethanol	1% - 2.5%	Acute Tox. 4 H302 (ATE=1394mg/kg bw), Eye Dam. 1 H318, STOT SE 3 H335	CAS-No.: 122-99-6 EC-No.: 204-589-7 Index-No: 603-098-00-9
Hexyl Cinnamal	0.1% - 1%	Skin Sens. 1 H317, Aquatic Chronic 2 H411	CAS-No.: 101-86-0 EC-No.: 202-983-3

For the full text of the phrases mentioned in this Section, see Section 16.

**Hazardous impurities** None known.

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

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

<b>Inhalation</b>	Not hazardous by inhalation. Move to fresh air.
<b>Skin contact</b>	Wash hands with water as a precaution.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids. If easy to do, remove contact lens, if worn. If eye irritation persists, consult a specialist.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting. Consult a physician if necessary.

<b>4.2. Most important symptoms and effects, both acute and delayed</b>	Wash contaminated clothing before re-use. If symptoms persist, call a physician.
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<b>4.3. Indication of any immediate medical attention and special treatment needed</b>	None known.
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## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

<b>Suitable extinguishing media</b>	Any.
<b>Unsuitable extinguishing media</b>	High volume water jet.

<b>5.2. Special hazards arising from the substance or mixture</b>	The product is not flammable. During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds.
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### **5.3. Advice for firefighters**

<b>Special protective equipment for firefighters</b>	Standard procedure for chemical fires.
<b>Specific methods</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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## **SECTION 6: Accidental release measures**

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

<b>For non-emergency personnel</b>	Use personal protective equipment. Sweep up to prevent slipping hazard.
<b>For emergency responders</b>	Handle in accordance with good industrial hygiene and safety practice.

<b>6.2. Environmental precautions</b>	Local authorities should be advised if significant spillages cannot be contained.
<b>6.3. Methods and material for containment and cleaning up</b>	Take up mechanically and collect in suitable container for disposal. After cleaning, flush away traces with water.

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## **SECTION 7: Handling and storage**

<b>7.1. Precautions for safe handling</b>	When using, do not eat, drink or smoke. Ingestion and prolonged exposure to skin and eyes should be avoided, as should inhalation of any generated vapours. Wear personal protective equipment.
<b>7.2. Conditions for safe storage, including any incompatibilities</b>	Protect from frost. Keep away from direct sunlight.
<b>7.3. Specific end use(s)</b>	No information available.

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

### **8.1. Control parameters**

<b>Exposure limit(s)</b>	No data is available on the product itself.
<b>2-phenoxyethanol (CAS 122-99-6)</b>	
Switzerland - Occupational Exposure Limits - Developmental Risk Groups	Developmental Risk Group C
Switzerland - Occupational Exposure Limits - STELs - (KZGWs)	20 ppm STEL [KZGW] (aerosol, vapour) 110 mg/m <sup>3</sup> STEL [KZGW] (aerosol, vapour)
Switzerland - Occupational Exposure Limits - TWAs - (MAKs)	20 ppm TWA [MAK] (aerosol, vapour) 110 mg/m <sup>3</sup> TWA [MAK] (aerosol, vapour)
Austria - Occupational Exposure Limits - Ceilings - (MAKs)	20 ppm Ceiling 110 mg/m <sup>3</sup> Ceiling
Austria - Occupational Exposure Limits - STELs - (MAK-KZGWs)	20 ppm STEL [KZGW] 110 mg/m <sup>3</sup> STEL [KZGW]
Austria - Occupational Exposure Limits - TWAs - (MAK-TMWs)	20 ppm TWA [TMW] 110 mg/m <sup>3</sup> TWA [TMW]
Germany - DFG - Recommended Exposure Limits - Ceilings (Peak Limitations)	1 ppm Peak (can occur as vapor and aerosol at the same time) 5.7 mg/m <sup>3</sup> Peak (can occur as vapor and aerosol at the same time)
Germany - DFG - Recommended Exposure Limits - Pregnancy	no risk to embryo/fetus if exposure limits adhered to
Germany - DFG - Recommended Exposure Limits - TWAs (MAKs)	1 ppm TWA MAK (can occur as vapor and aerosol at the same time) 5.7 mg/m <sup>3</sup> TWA MAK (can occur as vapor and aerosol at the same time)
Germany - TRGS 900 - Occupational Exposure Limits - TWAs (AGWs)	1 ppm TWA AGW (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed sum of vapor and aerosol, exposure factor 1) 5.7 mg/m <sup>3</sup> TWA AGW (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)

sum of vapor and aerosol, exposure factor 1)

## 8.2. Exposure controls

**Appropriate engineering controls** Avoid contact with skin, eyes and clothing.

### Personal protection equipment

*Respiratory protection* No special protective equipment required.

*Hand protection* The selected protective gloves have to satisfy the specifications of Regulation (EU) No. 2016/425 and the standard EN 374 derived from it. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.

*Eye protection* Safety glasses.

*Skin and body protection* Remove and wash contaminated clothing before re-use.

*Thermal hazards* No special measures required.

**Environmental exposure controls** No special measures required.

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## SECTION 9: Physical and chemical properties

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

<b>Physical state</b>	Liquid.
<b>Colour</b>	Light yellow.
<b>Odour</b>	Pleasant.
<b>Melting point/ freezing point:</b>	Not determined.
<b>Boiling point or initial boiling point / range:</b>	Not determined.
<b>Flammability:</b>	Not determined.
<b>Lower and upper explosion limit:</b>	Not determined.
<b>Flash point:</b>	does not ignite
<b>Auto-ignition temperature:</b>	Not determined.
<b>Decomposition temperature:</b>	Not determined.
<b>pH:</b>	9.4
<b>Kinematic viscosity:</b>	Not determined.
<b>Solubility:</b>	completely soluble (Water)
<b>Partition coefficient n-octanol/water (log value):</b>	Not determined.
<b>Vapour pressure:</b>	Not determined.
<b>Density and/or relative density:</b>	1.043
<b>Relative vapour density:</b>	Not determined.
<b>Particle characteristics:</b>	Not applicable.

### 9.2. Other information

**Other safety characteristics** No information available.

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## **SECTION 10: Stability and reactivity**

<b>10.1. Reactivity</b>	No information available.
<b>10.2. Chemical stability</b>	No decomposition if stored and applied as directed.
<b>10.3. Possibility of hazardous reactions</b>	No information available.
<b>10.4. Conditions to avoid</b>	Not required.
<b>10.5. Incompatible materials</b>	None.
<b>10.6. Hazardous decomposition products</b>	Thermal decomposition can lead to release of irritating gases and vapours.

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## **SECTION 11: Toxicological information**

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

<b>Acute toxicity</b>	This product has no known adverse effect on human health. <b>Sodium Octyl Sulfate (CAS 126-92-1)</b> Oral LD50 Rat = 4 g/kg (NLM_CIP) <b>2-phenoxyethanol (CAS 122-99-6)</b> Dermal LD50 Rabbit = 5 mL/kg (NLM_CIP) Inhalation LC50 Rat > 0.057 mg/L 8 h(EU_CLH) Oral LD50 Rat = 1850 mg/kg (EU_CLH) <b>Hexyl Cinnamal (CAS 101-86-0)</b> Dermal LD50 Rabbit > 3000 mg/kg (EPA_HP) Inhalation LC50 Rat > 5 mg/L 4 h(EPA_HP) Oral LD50 Rat = 3100 mg/kg (NLM_CIP)
<b>Skin corrosion/irritation</b>	No skin irritation.
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation.
<b>Respiratory / Skin Sensitisation</b>	No data available.
<b>Carcinogenicity</b>	No data available.
<b>Germ cell mutagenicity</b>	No data available.
<b>Reproductive toxicity</b>	No data available.
<b>Specific target organ toxicity (single exposure)</b>	No data available.
<b>Specific target organ toxicity (repeated exposure)</b>	No data available.
<b>Aspiration hazard</b>	No data available.
<b>Human experience</b>	No data available.

## 11.2. Information on other hazards

**Endocrine disrupting properties** No data available.

**Other information** No data available.

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## **SECTION 12: Ecological information**

**12.1. Toxicity** No data available.

### **2-phenoxyethanol (CAS 122-99-6)**

Ecotoxicity - Freshwater Algae - Acute Toxicity Data EC50 72 h *Desmodesmus subspicatus* >500 mg/L (IUCLID)

Ecotoxicity - Freshwater Fish - Acute Toxicity Data LC50 96 h *Pimephales promelas* 337 - 352 mg/L [flow-through] (EPA)

LC50 96 h *Pimephales promelas* 366 mg/L [static] (IUCLID)

Ecotoxicity - Water Flea - Acute Toxicity Data EC50 48 h *Daphnia magna* >500 mg/L (IUCLID)

**12.2. Persistence and degradability** The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

**12.3. Bioaccumulative potential** No data available.

**12.4. Mobility in soil** No data available.

**12.5. Results of PBT and vPvB assessment** No information available.

**12.6. Endocrine disrupting properties** No information available.

**12.7. Other adverse effects** No information available.

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## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

**Waste from residues / unused products** Dispose of in accordance with local regulations.

**Contaminated packaging** Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or disposal.

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## **SECTION 14: Transport information**

<b>14.1. UN number or ID 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>	Not applicable.
<b>14.7. Maritime transport in bulk according to IMO instruments</b>	Not applicable.
<b>UN Model Regulations</b>	
<b>ADR/RID</b>	Not regulated.
<b>IMDG</b>	Not regulated.
<b>IATA</b>	Not regulated.
<b>Further Information</b>	Not classified as dangerous in the meaning of transport regulations.

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## **SECTION 15: Regulatory information**

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

<b>Regulatory Information</b>	Ingredients according to Regulation (EC) 648/2004/EC: >=30%: water >=5%; <15%: soap, non-ionic surfactants <5%: anionic surfactants, Fragrances, Active substance enzymes Allergenic fragrances: Hexyl Cinnamal Water contaminating class (WGK Germany) = 2.
<b>Sodium Octyl Sulfate (CAS 126-92-1)</b>	
EU - REACH (1907/2006) - List of Registered Substances	Present
Germany - Water Classification - Substances According to AwSV Classified By or Based on the VwVwS	Reg. no. 5618, hazard class 1 - slightly hazardous to water
<b>2-phenoxyethanol (CAS 122-99-6)</b>	
EU - Cosmetics (1223/2009) - Annex V - Preservatives - Maximum Authorised Concentration	1.0 % MAC
EU - Biocides (1062/2014) - Annex II Part 1 - Supported Substances	171 Product type 1, 2, 4, 6, 13 (204-589-7)



EU - Biocides (2007/565/EC) - Substances and Product-Types Not to Be Included in Annexes I, IA and IB to Directive 98/8/EC	Product type: 7 Product type: 10 Product type: 11
EU - REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances	Use restricted. See item 75.
EU - REACH (1907/2006) - List of Registered Substances	Present
Germany - Water Classification - Substances According to AwSV Classified By or Based on the VwVwS	Reg. no. 1650, hazard class 1 - slightly hazardous to water
<b>Hexyl Cinnamal (CAS 101-86-0)</b>	
EU - Cosmetics (1223/2009) - Annex III - Other Limitations and Requirements	The presence of the substance must be indicated in the list of ingredients referred to in Article 19[1][g] when its concentration exceeds: 0.001% in leave-on products, 0.01% in rinse-off products
Germany - Water Classification - Substances According to AwSV Classified By or Based on the VwVwS	Reg. no. 3472, hazard class 2 - obviously hazardous to water
<b>15.2. Chemical safety assessment</b>	Not required.

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## **SECTION 16: Other information**

<b>Key or legend to abbreviations and acronyms</b>	None.
<b>Classification procedure</b>	Calculation method.
<b>Full text of phrases referred to under sections 2 and 3</b>	H302: Harmful if swallowed. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H319: Causes serious eye irritation. H335: May cause respiratory irritation. H411: Toxic to aquatic life with long lasting effects. H412: Harmful to aquatic life with long lasting effects.
<b>Further information</b>	Take notice of the directions of use on the label.
<b>Disclaimer</b>	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.