



Safety data sheet  
Date / Revised: 15 May 2023  
Product: **SP Yellow 19**  
(30190655/MDS\_GEN\_US/EN)

Version: 5

# SAFETY DATA SHEET

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## Section 1. Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**SP YELLOW 19**

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

Relevant identified uses: Colorants for the Paints, lacquers and varnishes industry

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

Company: Color Rare Ltd 105-1725 Atmec Gatineau, QC J8R 0E7  
Tel/Fax: 1-613-701-5022  
Email: [info@colorare.com](mailto:info@colorare.com)

### 1.4 Emergency Telephone No.:

Canada Contact your local Provincial Poison Centre or 911

<http://www.capcc.ca/>

Ontario: 1-800-268-9017

Quebec: 1-800-463-5060

USA American Association of Poison Control Centers 1-800-222-1222

<http://www.aapcc.org/>

CHEMTREC

<http://www.chemtrec.com/>

**Emergency telephone number : 1-800-424-9300**

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## Section 2: Hazards Identification

### Label elements

Globally Harmonized System, EU (GHS)

The product does not require a hazard warning label in accordance with GHS criteria.

.According to Directive 67/548/EEC or 1999/45/EC



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Directive 1999/45/EC ('Preparation Directive')

The product does not require a hazard warning label in accordance with EC Directives.  
The labelling is based on our own experience.

### **Classification of the substance or mixture**

According to Regulation (EC) No 1272/2008 [CLP]

Eye Dam./Irrit. 2 (Classification and labelling were undertaken on the basis of tests on the preparation.)

According to Directive 67/548/EEC or 1999/45/EC

Possible Hazards:  
No particular hazards known.

### **Other hazards**

According to Regulation (EC) No 1272/2008 [CLP]

The product is under certain conditions capable of dust explosion.

## **Section 3: . Composition/Information on Ingredients**

### Chemical nature

iron oxide pigment, water dispersible granules  
C.I. Pigment Yellow 42

Hazardous ingredients (GHS)  
according to Regulation (EC) No. 1272/2008

2-Butenedioic acid (2Z)-, polymer with 2-methyl-1-propene and octadecene, sodium salt  
Content (W/W):  $\geq 10\%$  -  $\leq 20\%$       Eye Dam./Irrit. 2  
CAS Number: 191175-18-5                      H319

Hazardous ingredients  
according to Directive 1999/45/EC

Does not contain any hazardous ingredients.

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## Section 4: First-Aid Measures

### General advice:

Remove contaminated clothing.

### If inhaled:

If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention.

### If on skin:

Wash thoroughly with soap and water.

### If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

### If swallowed:

Rinse mouth and then drink plenty of water. Do not induce vomiting. Immediate medical attention required.

### Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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## Section 5: Fire-Fighting Measures

### Suitable extinguishing media:

dry extinguishing media, foam

### Unsuitable extinguishing media for safety reasons:

carbon dioxide

### Additional information:

Avoid whirling up the material/product because of the danger of dust explosion.

### Hazards during fire-fighting:

harmful vapours

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

### Protective equipment for fire-fighting:

Wear a self-contained breathing apparatus.

### Further information:

Dusty conditions may ignite explosively in the presence of an ignition source causing flash fire.

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## Section 6 : Accidental Release Measures

### Personal precautions:

Avoid dust formation. Use personal protective clothing.



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**Environmental precautions:**

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

**Cleanup:**

Avoid raising dust.

For small amounts: Pick up with suitable appliance and dispose of.

For large amounts: Contain with dust binding material and dispose of.

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## Section 7. Handling and Storage

### Handling

**General advice:**

Closed containers should only be opened in well-ventilated areas.

**Protection against fire and explosion:**

Avoid dust formation. Take precautionary measures against static discharges.

### Storage

**General advice:**

Keep container tightly closed and dry; store in a cool place.

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## Section 8. Exposure Controls/Personal Protection

### Personal protective equipment

**Respiratory protection:**

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

**Hand protection:**

Chemical resistant protective gloves

**Eye protection:**

Safety glasses with side-shields.

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## Section 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

Form: granules  
Colour: yellow



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Odour:	odourless	
Odour threshold:	not determined	
pH value:	approx.. 7 – 10	
Melting point:	not determined	
Boiling point:	not applicable	
Flash point:	Study does not need to be conducted.	
Evaporation rate:	The product is a non-volatile solid.	
Flammability:	not highly flammable	(UN Test N.1 (ready combustible solids))
Lower explosion limit:	For solids not relevant for classification and labelling.	
Upper explosion limit:	For solids not relevant for classification and labelling.	
Ignition temperature:	500°C	(VDI 2263, sheet 1, 2.6)
Vapour pressure:	not applicable	
Density:	approx. 1.8 g/cm <sup>3</sup> (approx. 20 °C)	
Relative density:	approx. 1.8 (approx. 20 °C)	
Relative vapour density (air):	The product is a non-volatile solid.	
Solubility in water:	dispersible	
Solubility (quantitative) :	Not available	
Partitioning coefficient n-octanol/water (log Kow):	Study does not need to be conducted.	
Self ignition:	not self-igniting	Test type: Spontaneous selfignition at room-temperature.
	Temperature: > 220 °C	Test type: Self-ignition at high temperatures
	No self ignition was observed up to the specified temperature.	(Method: VDI 2263, sheet 1, 1.3)
Thermal decomposition:	< 300 kJ/kg (DSC (DIN 51007))	
	Not a substance liable to self-decomposition according to UN transport regulations, class 4.1.	
Viscosity, dynamic:	Study does not need to be conducted.	
Explosion hazard:	not explosive	
Fire promoting properties:	not fire-propagating	

## 9.2. Other information



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Self heating ability: It is not a substance capable of spontaneous heating according to UN transport regulations class 4.2.

Minimum ignition energy: approx. 1 hPa, 20 °C (VDI 2263, sheet 1, 2.1.2)  
The product is not capable of a dust explosion.

Bulk density: approx. 500 kg/m<sup>3</sup>

Hygroscopy: Non-hygroscopic

Grain size distribution: No data available.

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## Section 10. Stability and Reactivity

### Hazardous reactions:

The product may contain explosive fine dust or such dust may be produced by abrasion during transport or product transfer.

### Decomposition products:

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

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## Section 11. Toxicological Information

### Acute toxicity

#### Oral:

LD50/rat: > 2,000 mg/kg

#### Skin irritation:

rabbit: non-irritant (OECD Guideline 404)

#### Eye irritation :

rabbit: non-irritant (OECD Guideline 405)

### Chronic toxicity

#### Other information:

The product has not been tested. The statement has been derived from the properties of the individual components.

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## Section 12. Ecological Information

### Environmental fate and transport



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**Biodegradation:**

Evaluation: The colourant is insoluble in water and can thus be separated from water mechanically in suitable effluent treatment plant

**Environmental toxicity**

**Acute and prolonged toxicity to fish:**

golden orfe/LC50 (96 h): > 100 mg/l

**Toxicity to microorganisms:**

Directive 88/302/EEC, part C, p. 118 activated sludge/EC50 (0.5 h): > 100 mg/l

The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.

**Other ecotoxicological advice:**

The product has not been tested. The statement has been derived from the properties of the individual components.

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## Section 13. Disposal Considerations

**Waste disposal of substance:**

Dispose of in a licensed facility.

Do not discharge into drains/surface waters/groundwater.

It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

**Container disposal:**

Dispose of in accordance with national, state and local regulations. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

**RCRA:** None

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## Section 14. Transport Information

**Land transport**

ADR

Not classified as a dangerous good under transport regulations

UN number: Not applicable

UN proper shipping name: Not applicable

Transport hazard class(es): Not applicable

Packing group: Not applicable

Environmental hazards: Not applicable

Special precautions for User: None known

RID

Not classified as a dangerous good under transport regulations

UN number: Not applicable



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UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for User	None known

### **Inland waterway transport**

ADN

Not classified as a dangerous good under transport regulations

UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user	None known
Transport in inland waterway vessel:	Not evaluated

### **Sea transport**

IMDG

Not classified as a dangerous good under transport regulations

UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user	None known

### **Air transport**

IATA/ICAO

Not classified as a dangerous good under transport regulations

UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for User	None known

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## Section 15. Regulatory Information

### Federal Regulations

#### Registration status:

TSCA, US released / listed

OSHA hazard category: No data available.

SARA hazard categories (EPCRA 311/312): Not hazardous

### State regulations

#### State RTK

<u>CAS Number</u>	<u>Chemical name</u>	<u>State RTK</u>
147-14-8 C.I.	Pigment Blue 15	NJ

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## Section 16. Other Information

### HMIS III rating

Health: 1 Flammability: 1 Physical hazard: 0

HMIS uses a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates high hazard.

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