

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

## series 10 - MUSSINI

Article No.  
Version

4 ( 01.03.17 )

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

#### 1.1 Product identifier

Trade name series 10 - MUSSINI  
finest artists' resin-oil-colours

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

General use Products for creation of art.

Uses advised against

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

H. Schmincke & Co. GmbH & Co. KG  
Otto-Hahn-Str. 2  
D - 40699 Erkrath  
Tel. +49 (0) 211-2509-0  
Fax. +49 (0) 211-2509-497  
info@schmincke.de  
www.schmincke.de

Dept. responsible for information  
Schmincke-lab:  
mo-th 8.00-16.30,fr 8.00-13.30  
Tel. +49 (0) 211-2509-474  
labor@schmincke.de

#### 1.4 Emergency telephone number

<b>Emergency Information</b> <b>Phone #</b>	<b>Emergencycall Berlin</b> <b>(24h - counseling in german and english)</b> <b>+49 (0) 30-30686790</b>
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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification according to EC regulation 1272/2008 (CLP)

no hazard labelling required

#### 2.2 Label elements

##### Labelling (CLP)

Signal word

Hazard statements

no hazard labelling required

Safety precautions

#### 2.3 Other hazards

### SECTION 3: Composition / information on ingredients

#### 3.1 Substances

Chemical characterisation  
oil  
pigment  
Dammar resin  
siccative

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essential oils  
CAS-Number  
EINECS / ELINCS / NLP  
EU index number  
Customs tariff number  
REACH registration No.  
RTECS-no.  
Hazchem-Code  
CI-Number

### **3.2 Mixtures**

Substance 1
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solvent naphtha (petroleum), light, aromatic: 1 - <10 %  
CAS: 64742-95-6  
REACH: 01-2119455851-35  
Aquatic Chronic 2; H411 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / STOT SE 3; H335 / STOT SE 3; H336 / EUH066

#### **Additional information**

The colours 10 227, 228, 229, 230, 341, 356, 357, 511 contain cadmium-containing pigments. The use of cadmium containing pigments is limited to artist colors.  
Further information: annex

## SECTION 4: First aid measures

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

#### **General information**

No special measures are required.

#### **In case of inhalation**

#### **In case of skin contact**

#### **After eye contact**

#### **After swallowing**

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

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

## SECTION 5: Firefighting measures

### **5.1 Extinguishing media**

#### **Suitable extinguishing media**

Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.

#### **Extinguishing media which must not be used for safety reasons**

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

In case of fire may be liberated: Carbon monoxide and carbon dioxide

### **5.3 Advice for firefighters**

#### **Special protective equipment for firefighters**

#### **Additional information**

## SECTION 6: Accidental release measures

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

Avoid contact with skin, eyes, and clothing.

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### 6.2 environmental precautions

Discharge into the environment must be avoided.

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

#### Methods for cleaning up

Take up mechanically. Wash spill area with plenty of water.

#### Additional information

### 6.4 Reference to other sections

Dispose of waste according to applicable legislation. refer to section 13

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advices on safe handling

Handle in accordance with good industrial hygiene and safety practice.

#### Precautions against fire and explosion

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

#### Requirements for storerooms and containers

Keep container tightly closed.

#### Hints on joint storage

#### Storage class

#### Further details

storage temperature: 5 - 40 °C

### 7.3 Specific end use(s)

No special measures necessary if stored and handled as prescribed.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

64742-95-6 solvent naphtha (petroleum), light, aromatic

DEU	WEL	100,000	mg/m <sup>3</sup>	TRGS 900
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### 8.2 Exposure controls

#### Occupational exposure controls

##### Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

##### Hand protection

Protect skin by using skin protective cream.

##### Eye protection

Avoid contact with eyes.

##### Body protection

Wash contaminated clothing prior to re-use.

##### General protection and hygiene measures

No special handling advices are necessary. Wash hands thoroughly after handling.

## SECTION 9: Physical and chemical properties

### 9.1 information on basic physical and chemical properties

Form	pasty
Colour	pigmented
Odour	weak

min max

Initial boiling point and boiling range

Melting point/freezing point

Flash point/flash point range

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Flammability  
Ignition temperature  
Auto-ignition temperature  
Explosion limits  
Refraction index

Partition coefficient: n-octanol/water  
Danger of explosion

Vapour pressure  
Density 1,6 - 20 °C  
3,1 g/ml

PH value

Viscosity dynamic of  
Viscosity dynamic up to

Viscosity kinematic of  
Viscosity kinematic up to

### 9.2 Other information

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

### 10.2 Chemical stability

### 10.3 Possibility of hazardous reactions

### 10.4 Conditions to avoid

frost and heat

### 10.5 Incompatible materials

### 10.6 Hazardous decomposition products

64742-95-6 solvent naphtha (petroleum), light, aromatic

oral	LD50	Rat	>	2000,000	mg/kg	-
dermal	LD50	Rat	>	2000,000	mg/kg	-

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

##### In case of inhalation

No data available

##### After swallowing

No data available

##### In case of skin contact

No data available

##### After eye contact

No data available

### Practical experience

### General remarks

### Toxicological tests

64742-95-6 solvent naphtha (petroleum), light, aromatic

LC50	fish	>	10,000	mg/l	-
LC50	Algae	>	10,000	mg/l	-

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### SECTION 12: Ecological information

#### 12.1 Toxicity

Aquatic toxicity  
Water Hazard Class 1  
WGK catalog number  
General information

#### 12.2 Persistence and degradability

Further details  
Product is partially biodegradable.  
Oxygen demand

#### 12.3 Bioaccumulative potential

Bioconcentration factor (BCF)  
Partition coefficient: n-octanol/water

#### 12.4 Mobility in soil

No data available

#### 12.5 Results of PBT and vPvB assessment

No data available

#### 12.6 Other adverse effects

General information

#### Ecotoxicological effects

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

##### Product

Waste key number 080112 080112 waste paint and varnish other than those mentioned in 080111  
Recommendation

##### Contaminated packaging

Waste key number  
Recommendation

##### Additional information

### SECTION 14: Transport information

#### 14.1 UN number

#### 14.2 UN proper shipping name

ADR, ADN No dangerous good in sense of these transport regulations.  
IMDG, IATA

#### 14.3 Transport hazard class(es)

ADR, ADN  
IMDG  
IATA

#### 14.4 Packing group

#### 14.5 Environmental hazards

Marine Pollutant - IMDG

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Marine Pollutant - ADN

### 14.6 Special precautions for user

#### Land transport

Code: ADR/RID  
Kemmler-number  
Hazard label ADR  
Limited quantities  
Contaminated packaging: Instructions  
Contaminated packaging: Special provisions  
Special provisions for packing together  
Portable tanks: Instructions  
Portable tanks: Special provisions  
Tank coding  
Tunnel restriction  
Remarks  
EQ  
Special provisions

#### Inland waterway craft

Hazard label  
Limited quantities  
Transport permitted  
Equipment necessary  
Ventilation  
Remarks  
EQ  
Special provisions

#### Sea transport

EmS  
Special provisions  
Limited quantities  
Contaminated packaging: Instructions  
Contaminated packaging: Special provisions  
IBC: Instructions  
IBC: Provisions  
Tank instructions IMO  
Tank instructions UN  
Tank instructions Special provisions  
Stowage and segregation  
Properties and observations  
Remarks  
EQ

#### Air transport

Hazard  
Passenger  
Passenger LQ  
Cargo  
ERG  
Remarks  
EQ  
Special Provisioning

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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No data available

### SECTION 15: Regulatory information

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

##### National regulations

###### Europe

Contents of VOC [%]

Contents of VOC

[g/L]

Further regulations, limitations and legal requirements

###### Germany

Storage class

Water Hazard Class 1

WGK catalog number

Incident regulation

Information on working limitations

Further regulations, limitations and legal requirements

###### Denmark

Further regulations, limitations and legal requirements

###### Hungary

Further regulations, limitations and legal requirements

###### Great Britain

Further regulations, limitations and legal requirements

###### Switzerland

Contents of VOC [%]

max. 10 %

Further regulations, limitations and legal requirements

###### USA

Further regulations, limitations and legal requirements

Federal Regulations

State Regulations

###### Japan

Further regulations, limitations and legal requirements

###### Canada

Further regulations, limitations and legal requirements

#### 15.2 Chemical Safety Assessment

### SECTION 16: Other information

##### Further information

Hazard statements (CLP)

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

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### Further information

This information is based on our current state of knowledge and describes the security standards applicable to our product for the purpose provided. The information provided here does not constitute a legally binding warranty of specific characteristics or of suitability for a specific application use of the product is thus to be adapted to the user's special conditions and checked by preliminary tests. We are thus unable to guarantee product characteristics or accept an liability for damage arising in connection with the use of our products.

### Literature

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

### Reason of change

### Additional information



## Appendix for material safety data sheet no.: 10 000 000

### MUSSINI® - Finest artists' resin-oil-colours

art.nr.	art.name	C.I.		CAS-nr.
10208	yellowish green Ural	PY53; PG19	Rutile (Ti, Ni, Sb); Spinel (Co, Zn)	8007-18-9; 8011-87-8
10209	cadmium yellow hue	PY155	Disazo	68516-73-4
10216	lemon yellow	PY3	Monoazo	6486-23-3
10220	vanadium yellow light	PY184	Bismuth vanadate	14059-33-7
10221	vanadium yellow deep	PY184	Bismuth vanadate	14059-33-7
10223	Indian yellow	PY153	Nickel-complex	68859-51-8
10227	cadmium yellow 1 light	PY35	Cadmium-zinc-sulphide	8048-07-5; 7727-43-7
10228	cadmium yellow 2 middle	PY35	Cadmium-zinc-sulphide	8048-07-5; 7727-43-7
10229	cadmium yellow 3 deep	PO20	Cadmium sulfo-selenide	12656-57-4
10230	cadmium orange	PO20	Cadmium sulfo-selenide	12656-57-4
10231	Naples yellow light	PBr24; PY53	Rutile (Ti, Cr, Sb); Rutile (Ti, Ni, Sb)	68186-90-3; 8007-18-9
10232	Naples yellow deep	PBr42	Disazocondensation	68516-75-6
10236	translucent yellow oxide	PY42	Hydrated iron oxide	20344-49-4
10237	translucent orange oxide	PR101; PY42	Iron oxide; Hydrated iron oxide	1309-37-1; 20344-49-4
10238	translucent yellow	PY150	Azo-nickel-complex	68511-62-6
10239	translucent orange	PO71	Diketo-pyrrolo-pyrrol	71832-85-4
10243	chrome orange hue	PO67	Pyrazolochinazolone	74336-59-7
10340	brilliant scarlet	PR242	Disazocondensation	118440-67-8
10341	cadmium red middle	PR108/PW21	Cadmium sulfo-selenide	58339-34-7; 7727-43-7
10342	cadmium red hue	PR254; PV19	Diketo-pyrrolo-pyrrol; Quinacridone	122390-98-1; 1047-16-1
10343	madder root hue	PR206	Quinacridone	1047-16-1; 1503-48-6
10344	madder lake brilliant	PR207	Quinacridone	-
10346	madder lake dark	PR264; PV42	Diketo-pyrrolo-pyrrol; Quinacridone	-; -
10347	alizarin madder lake	PR83:1	Anthraquinone, Al	72-78-0
10353	sample Florentine red	PR179	Perylen	5521-31-3
10356	cadmium red light	PR108/PW21	Cadmium sulfo-selenide	58339-34-7; 7727-43-7
10357	cadmium red deep	PR108/PW21	Cadmium sulfo-selenide	58339-34-7; 7727-43-7
10358	carmine	PR179; PV19	Perylen; Quinacridone	5521-31-3; 1047-16-1
10363	translucent magenta	PR122	Quinacridone	980-26-7
10364	vermilion red hue	PR255	Diketo-pyrrolo-pyrrol	120500-90-5
10365	translucent red oxide	PR101	Iron oxide	1309-37-1
10366	Caesar purple	PV19	Quinacridone	1047-16-1
10473	translucent violet	PV23	Dioxazine	6358-30-1
10475	cobalt cerulean blue	PB35	Spinel (Co, Sn)	68187-05-3
10477	translucent cyan	PB15:3	Phthalocyanine (Cu)	147-14-8
10478	indigo	PB66	Indigo, synthetic	482-89-3
10480	cobalt blue light	PB28	Spinel (Co, Al)	1345-16-0
10481	cobalt blue deep	PB74	Phenacite (Co, Zn, Si)	68412-74-8

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art.nr.	art.name	C.I.		CAS-nr.
10482	cobalt violet	PV14	Cobalt phosphate	13455-36-2
10490	Prussian/Paris blue	PB27	Iron-cyan-complex	14038-43-8; 25869-98-1
10491	ultramarine blue light	PB29	Sodium aluminum silicate	57455-37-5
10492	ultramarine blue deep	PB29	Sodium aluminum silicate	57455-37-5
10493	Delft blue	PB60	Indanthrone	81-77-6
10494	indigo hue	PV19; PB60; PBk10	Quinacridone; Indanthrone; Crystallized carbon	1047-16-1; 81-77-6; 7782-42-5
10496	translucent Oriental blue	PB15:6; PB15:2	Phthalocyanine (Cu); Phthalocyanine (Cu)	147-14-8; 147-14-8
10497	translucent turquoise	PB16	Phthalocyanine	574-93-6
10498	cobalt turquoise	PG50	Spinel (Co, Ni, Zn, Ti)	68186-85-6
10510	chrome green hue light	PY155; PG17; PY42	Disazo; Hematite (Cr); Hydrated iron oxide	68516-73-4; 1308-38-9; 20344-49-4
10511	chrome green hue deep	PO20; PY35; PW21; PB15:3	Cadmium sulfo-selenide; Cadmium-zinc-sulphide; Barium sulfate; Phthalocyanine (Cu)	12656-57-4; 8048-07-5; 7727-43-7; -; 147-14-8
10512	chromium oxide green brilliant	PG18	Hydrated chromium oxide	12001-99-9
10513	chromium oxide green deep	PG17	Hematite (Cr)	1308-38-9
10518	helio green deep	PG7	Phthalocyanine (Cu, Cl)	1328-53-6
10521	helio green light	PG36	Phthalocyanine complex (Cu, Cl, Br)	14302-13-7
10526	sap green	PB60; PY150	Indanthrone; Azo-nickel-complex	81-77-6; 68511-62-6
10528	cobalt green opaque	PY184; PG50	Bismuth vanadate; Spinel (Co, Ni, Zn, Ti)	14059-33-7; 68186-85-6
10530	yellowish green	PY74; PG7; PY42	Monoazo; Phthalocyanine (Cu, Cl); Hydrated iron oxide	6358-31-2; 1328-53-6; 20344-49-4
10534	translucent golden green	PY129; PG7	Copper-complex; Phthalocyanine (Cu, Cl)	68859-61-0; 1328-53-6
10535	Oriental green	PG19	Spinel (Co, Zn)	8011-87-8
10536	turmaline green	PG26	Spinel (Co,Cr)	68187-49-5
10640	Verona green earth	PG18; PR101	Hydrated chromium oxide; Iron oxide	12001-99-9; 1309-37-1
10644	yellow Sienna	PY42; PR101	Hydrated iron oxide; Iron oxide	20344-49-4; 1309-37-1
10645	Asphaltum black translucent	PR101; PV19; PBk7	Iron oxide; Quinacridone; Lamp black	1309-37-1; 1047-16-1; 1333-86-4
10646	natural Bohemian green earth	PBr7	Earth pigment	-
10647	Pompeiiian red	PR101	Iron oxide	1309-37-1
10648	caput mortuum	PR101	Iron oxide	1309-37-1
10651	English red	PR101	Iron oxide	1309-37-1
10653	deep ochre	PY42/PY43	Hydrated iron oxide	20344-49-4
10656	Attic light ochre	PY42	Hydrated iron oxide	20344-49-4
10660	raw Sienna	PBr7/PY43; PR101; PY42	Earth pigment; Iron oxide; Hydrated iron oxide	-; 1309-37-1; 20344-49-4
10661	natural burnt Sienna	PBr7	Earth pigment	-
10662	brown pink	PY153; PR101; PY42; PG7	Nickel-complex; Iron oxide; Hydrated iron oxide; Phthalocyanine (Cu, Cl)	68859-51-8; 1309-37-1; 20344-49-4; 1328-53-6
10663	Pozzuoli earth	PR101	Iron oxide	1309-37-1
10664	natural raw umber	PBr7; PG7; PY42	Earth pigment; Phthalocyanine (Cu, Cl); Hydrated iron oxide	-; 1328-53-6; 20344-49-4
10666	natural burnt umber	PBr7	Earth pigment	-
10667	Vandyke brown	PR179; PR101; PBk7	Perylen; Iron oxide; Lamp black	5521-31-3; 1309-37-1; 1333-86-4

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10669	translucent brown oxide	PR101	Iron oxide	1309-37-1
10670	raw umber light	PBr7	Earth pigment	-
10672	mineral brown	PBr33	Spinel (Zn,Fe,Cr)	68186-88-9
10779	atrament black	PBk31	Perylene	67075-37-0
10780	ivory black	PBk9	Am. carbonized bones of animals	8021-99-6
10781	lamp black	PBk7	Lamp black	1333-86-4
10782	Schmincke Payne's grey	PB29; PR101; PBk7	Sodium aluminum silicate; Iron oxide; Lamp black	57455-37-5; 1309-37-1; 1333-86-4
10783	mineral black	PBk28	Spinel (Cu, Cr, Fe, Mn)	68186-91-4