



Semi-Fine Scarlet

Safety Data Sheet

according to Regulation (EU) 2015/830

Revision date: 6/21/2021

Version: 6.0

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

1.1. Product identifier

Product form : Mixtures
Product name : Semi-Fine Scarlet
Product code : 86

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

1.2.1. Relevant identified uses

Use of the substance/mixture : cosmetics use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Monave

4401 Eastern Ave, Bldg 45-2A
Baltimore, MD 21224, USA
Tel: +1-410-534-1058
information@monave.com

1.4. Emergency telephone number

+1-410-534-1058

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

EUH-statements: EUH210-Safety data sheet available on request

EUH212-Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

2.3. Other hazards

The mixture does not contain substances included in the list established in accordance with Article 59 (1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Mica	(CAS-No.) 12001-26-2 (EC-No.) 310-127-6 (REACH-No):	44-49	Not classified
Iron oxides	(CAS-No.) 1309-37-1 (EC-No.) 215-168-2 (REACH-No):01-2119457614-35-0145	51-56	Not classified

Full text of H-statements: see section 16

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SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.
- First-aid measures after skin contact : Wash with plenty of soap and water. Obtain medical attention if irritation persists.
- First-aid measures after eye contact : Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation persists.
- First-aid measures after ingestion : Rinse mouth thoroughly with water. Give nothing or a little water to drink. Never give anything by mouth to an unconscious person. Call a poison center or a doctor if you feel unwell.

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

No additional information available

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : The product is not flammable. Use extinguishing media appropriate for surrounding fire.

5.2. Special hazards arising from the substance or mixture

- Hazardous decomposition products in case of fire; : Toxic fumes may be released.

5.3. Advice for firefighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Protective equipment : Wear respiratory protection. Wear recommended personal protective equipment.
- Emergency procedures : Ventilate spillage area. Avoid dust formation. Avoid contact with skin, eyes and clothing. Avoid breathing dust.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Mechanically recover the product. Avoid dust formation. Collect in closed containers for disposal.
- Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid dust formation.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep container tightly closed and dry. Keep in a cool, well-ventilated place away from incompatible materials. Protect from moisture.
- Expiration Date: Five years for cosmetics grade products.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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Mica (12001-26-2)		
United Kingdom	WEL TWA (mg/m ³)	0.8 mg/m ³ respirable 10 mg/m ³ total inhalable
Diiron trioxide (1309-37-1)		
United Kingdom	WEL TWA (mg/m ³)	5 mg/m ³ fume (as Fe) 4 mg/m ³ Rouge, respirable 10 mg/m ³ Rouge, total inhalable
United Kingdom	WEL STEL (mg/m ³)	10 mg/m ³ fume (as Fe)

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

Protective gloves. Standard EN 374 - Protective gloves against chemicals.

Eye protection:

Safety glasses. Standard EN 166 - Personal eye-protection.

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Dust production: dust mask with filter type P2. Standard EN149 - Filtering Halfmasks to protect against particles

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Fine powder
Colour	: Bright Violet
Odour	: Odourless.
Odour threshold	: No data available
pH	: 3-7(10% aqueous suspension)
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: Not applicable
Solubility	: Insoluble in water.
Log Pow	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: Not applicable

9.2. Other information

Bulk density	: 0.2 - 0.4 g/cm ³
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SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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ADR	IMDG	IATA	ADN	RID
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

14.6. Special precautions for user

- Overland transport

Not applicable

- Transport by sea

Not applicable

- Air transport

Not applicable

- Inland waterway transport

Not applicable

- Rail transport

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
PBT	Persistent Bioaccumulative Toxic
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative

Third-party materials

If third party materials, not supplied by Monave, are used together with materials of Monave or as a substitute, it is the responsibility of the user to gather all available information. Monave disclaims all liability with respect to use of third-party materials together with materials of Monave.

Responsibility

This information is given in good faith and to the best of the knowledge of Monave, on the date indicated. No guarantee is given concerning the effectiveness, reliability, or completeness of this information. It is the responsibility of the user to verify the completeness of the information and to check the relevance and conformity with the situation of the user.

Technical Data Sheet



Modern, Natural, Versatile
 4401 Eastern Ave 45-2A
 Baltimore, MD 21224
 information@monave.com
 (410) 534-1058

Product name: Semi-Fine Scarlet

Monave Code	86	Product Color	Semi-Fine Scarlet	
Particle size range(um)	10-60	Appearance	Dry powder	
Chemical Composition	Percent (%)	CI NO.	CAS NO.	EINECS NO.
Mica	44-49	77019	12001-26-2	310-127-6
Iron Oxides(Fe ₂ O ₃)	51-56	77491	1309-37-1	215-168-2

Properties		Standard	Test Item
Loss on drying (105°C , 2 hours)%		≤0.5	GB /T 5211.3
Oil absorption (g/100g)		90±20	GB /T 5211.15
PH-value(10% aqueous suspension)		3-7	GB/T 1717
Bulk density (g/cm ³)		0.20-0.40	GB/T 1479.2
Density (g/cm ³)		2.50-3.40	GB/T 1713
Heavy metals content in (ppm):	Arsenic	<2	MNVE-1801
	Mercury	<1	
	Selenium	<10	
	Antimony	<2	
	Lead	<10	
	Cadmium	<1	
	Chrome	<100	
	Nickel	<10	
Copper	<50		
Aerobic Bacterial Count (CFU/g)		<100	GB4789.2
Molds and Yeast Count (CFU/g)		<100	GB4789.15
Pathogens		Negative	Negative

Certificate of Analysis



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Tested Items	Standard	Method	Result
Loss on drying (105°C , 2 hours)%	≤0.5	GB /T 5211.3	qualified
Oil absorption (g/100g)	90±20	GB /T 5211.15	72
PH-value(10% aqueous suspension)	3-7	GB/T 1717	3.67
Bulk density (g/cm ³)	0.20-0.40	GB/T 1479.2	qualified
Density (g/cm ³)	2.50-3.40	GB/T 1713	qualified
As(ppm)	<2	MNVE-1801	ND
Hg(ppm)	<1		ND
Se (ppm)	<10		ND
Sb(ppm)	<2		0.22
Pb(ppm)	<10		ND
Cd(ppm)	<1		0.01
Cr(ppm)	<100		24.10
Ni(ppm)	<10		ND
Cu(ppm)	<50		22.52
Aerobic Bacterial Count (CFU/g)	Max. 100		GB4789.2
Molds and Yeast Count (CFU/g)	Max. 100	GB4789.15	qualified
Pathogens	Negative	Negative	N. D.

Chromatic aberration report of the Monave pearl pigment

Standard of color	Standard of sample	Supplied Sample	Chromatic aberration
L*	29.02	29.11	0.08
a*	33.62	33.85	0.22
b*	18.44	18.36	-0.07
ΔE*	ΔE*		0.24
Standard sample: 86 (130708)		Test average n=3	
Supplied sample: 86		Batch No.: 200817	
Lamp-house/points of view: D65/10°		Instrument: Colorimeter	

Date: 2021.08.10