

ESE Organic Clear

Material safety data sheet

Date of issue: 26/10/2020

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Page 1 of 5


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SECTION 1: Chemical product and company identification

- 1.1. Product name
ESE ORGANIC CLEAR
- 1.2. Product use description
Screen printing clear paste for textile applications
- 1.3. Company name
QUAGLIA S.r.l.
Via Papa Giovanni XXIII, 65 – 24052 Azzano San Paolo (BG) – ITALY
Phone +39 035 532040 Fax +39 035 531040
E-mail: quaglia@quaglia.it
- 1.4. Emergency contact
Phone +39 035 532040



SECTION 2: Hazard identification

- 2.1. Classification
Irritating to eyes.
- 2.2. Label

EC Regulation 1272/2008		
Symbol	Hazard statements	P-phrases
 Eye irrit. 2	Warning H319	P264 P280 P305 + P351 + P338 P337 + P362

- 2.3. Other dangers
//

SECTION 3: composition / information on ingredients

Ingredients	CAS number	max (%)	EC Regulation 1272/2008		TLV (ACGIH 2010) mg/m ³
			Symbol	Hazard statements	
Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl Me, di-Me, methoxy-terminated	102782-92-3	3	 Eye dam. 1 Skin irrit. 2	H315 H318	-
Isotridecanol, ethoxylated	9043-30-5	0.5	 Oral Acute Tox. 4 Eye dam. 1	H302 H318	-

SECTION 4: First aid measures

The product has no acute effects under normal conditions of use

SKIN CONTACT	Immediately remove contaminated clothing. Wash thoroughly with water.
EYES CONTACT	Wash thoroughly for several minutes. Remove contact lenses if easy to do. Continue to rinse. Consult a doctor.
INHALATION	Remove from exposure and take place in a ventilated place. If you feel unwell seek medical advice.
INGESTION	Rinse mouth. Do NOT induce vomiting. Seek medical advice.



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ESE Organic Clear

Material safety data sheet

Date of issue: 26/10/2020

Page 2 of 5

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SECTION 5: Fire fighting measures

5.1 Extinguishing media	Suitable: dry chemical, carbon dioxide, water Unsuitable: none.
5.2 Special hazards from the substance or mixture	The products of combustion may contain carbon monoxide and other harmful gases. There are no risks of the formation of potentially explosive atmospheres.
5.3. Precaution for fire-fighters	Full protective clothing and appropriate protection for the respiratory tract, depending on exposure conditions (filters or respirator).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and procedures in case of emergency	For those not directly involved: no special precautions are necessary For those directly involved: recommended gloves and protective clothing
6.2. Environmental precautions	Prevent product from entering the drainage system or be released to the ground.
6.3. Methods and materials for cleaning up	In case of spillage, collect mechanically and by absorption with inert material. Dispose of waste according to current legislation on waste.

MATERIAL SAFETY DATA SHEET



ESE Organic Clear

Material safety data sheet

Date of issue: 26/10/2020

NON
CONVENTIONAL
PRINTING
SYSTEM

Page 3 of 5

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid exposure with the necessary collective and personal protection and the adoption of good industrial hygiene practices.

Handle in well ventilated work places.

Wash hands after handling.

Do not consume food and beverages during handling.

7.2. Conditions for safe storage, including any incompatibilities

Always identify the containers.

There are no known incompatibilities with other products or materials.

Keep container tightly closed.

Store between 5 - 35 ° C.

SECTION 8: Exposure controls / personal protection

8.1 Exposure guidelines

Based on available information, can be found in the literature (European legislation, ACGIH, NIOSH, OSHA), the following data

Ingredients	CAS number	TLV (ACGIH 2010) mg/m ³
-	-	-

8.2. Exposure controls

8.2.1. Engineering controls

Handle in well ventilated work places.

8.2.2. Personal protection

EYES PROTECTION	Use eye protection (EN 166)
SKIN PROTECTION	Avoid contact with skin. Adopt standard workwear.
HAND PROTECTION	Wear protective gloves.
RESPIRATORY PROTECTION	Not required.
ENVIRONMENTAL EXPOSURE	Depending on the type of work performed, comply with mandatory requirements and standards of good practice. The diffusion in air of combustion products (see Section 5 and 10) and the dispersion of the material on soil and water (see Sections 12, 13) constitute potential risk to the environment

SECTION 9. Physical and chemical properties

- | | |
|------------------------------|----------------------|
| a) Appearance: | white viscous paste |
| b) Smell: | mild, characteristic |
| c) Odor Threshold: | - |
| d) pH: | 8 |
| e) Melting / freezing point: | 0°C |
| f) Boiling point: | >100°C |
| g) Viscosity (25°C) | 20000 mPas |
| h) Solubility | mixable in water |
| i) Density (20°C) | 1 kg/dm ³ |

MATERIAL SAFETY DATA SHEET



ESE Organic Clear

Material safety data sheet

Date of issue: 26/10/2020

NON
CONVENTIONAL
PRINTING
SYSTEM

Page 4 of 5

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MATERIAL SAFETY DATA SHEET

SECTION 10: Stability and reactivity

10.1. Reactivity

No known dangers

10.2. Stability

Stable under normal conditions and in conditions of temperature and pressure expected during storage and handling.

10.3. Hazardous reactions

None

10.4. Conditions to avoid

Temperature < 5°C or > 35°C. Direct sunlight.

10.5. Incompatible products

None.

10.6. Hazardous combustion products

In case of fire, the products of combustion may contain carbon monoxide and other harmful gases.

SECTION 11: Toxicological information

Acute oral toxicity	-
Acute dermal toxicity	-
Skin irritation	-
Eyes irritation	The product is irritating to eyes.
Skin sensitization	None
Chronic toxicity	None
Mutagenicity	not mutagenic
Carcinogenicity	Not carcinogenic

SECTION 12. Ecological information

Follow good working practices. Avoid the dispersion into the environment

12.1. Toxicity:

C.O.D. 600 gO₂/l

12.2. Persistence and degradability: biodegradability > 70% (28d)

12.3. Bioaccumulative potential: no data available for the product or its components.

12.4. Mobility in soil: no data available for the product or its components.

SECTION 13: Disposal considerations

Recover if possible.

Respect local and national regulations about disposal. Product residues and containers contaminated with the product may be classified and managed as hazardous waste.

Do not dispose of into sewer.

SECTION 14: Transport information

No dangerous good under transport regulations

14.1. UN Number: Not applicable

14.2. Shipping name: not applicable

14.3. Transport hazard class: not applicable

14.4. Packing group: not applicable

14.5. Environmental hazards: Not applicable

14.6. Special precautions for user: Not applicable

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable



ESE Organic Clear

Material safety data sheet

Date of issue: 26/10/2020

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CONVENTIONAL
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Page 5 of 5

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SECTION 15: Regulatory information

EC Regulation n. 1907/2006 (REACH)

VOC (volatile organic compounds) : 0 %

SECTION 16: Other information

The information contained herein is based on our knowledge at the time of writing of this safety data sheet. They only refer to the product indicated and constitute no guarantee of particular quality. The user must verify the suitability and completeness of such information in relation to the specific use intended.

This material safety data sheet replaces any previous edition and revision.

For the preparation of this MSDS, in addition to existing mandatory regulations, have been consulted the websites of the following organizations and institutions:

- Istituto Superiore di Sanità (www.iss.it/dbsp)
- INAIL (<https://appsricercascientifica.inail.it/>)
- www.cdc.gov/niosh/
- www.osha.gov/
- toxnet.nlm.nih.gov/
- echa.europa.eu

Provide adequate information and training of workers, in accordance with the mandatory dispositions.

Meaning of hazard statements contained in this MSDS – section 2:

- H319 Causes severe eye irritation.

Meaning of "P"-phrases contained in section 2 of this MSDS:

- P264 Wash hands thoroughly after handling
- P280: Wear protective gloves / protective clothing / eye protection / face protection.
- P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- P337 + P313 If eye irritation persists, consult a physician.

Meaning of further hazard statements contained in this MSDS:

- H302 harmful if swallowed.
- H315 Causes skin irritation
- H318 Causes serious eye damage

MATERIAL SAFETY DATA SHEET