HYDRA GLITTERING BASE
Material safety data sheet
Date of issue: 15/01/11 (rev 01 – 17/04/2015)

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MATERIAL SAFETY DATA SHEET

SECTION 1: Chemical product and company identification
1.1. Product name
HYDRA GLITTERING BASE
1.2. Product use description
Screen printing paste
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
The product is not classified as hazardous under the current European legislation (see the references in paragraph 15 of this safety data sheet)
2.2. Label
Under current European legislation (see the references in paragraph 15 of this safety data sheet) is not necessary to highlight specific information
2.3. Other dangers
Under normal operating conditions, the product is not considered as dangerous to humans and the environment

SECTION 3: composition / information on ingredients
The product does not contain hazardous components.

SECTION 4: First aid measures
The product has no acute effects under normal conditions of use

SKIN CONTACT	Wash thoroughly with water.
EYES CONTACT	Wash thoroughly with water.
INHALATION	Remove from exposure and take place in a ventilated place. If you feel unwell seek medical advice.
INGESTION	No specific measures. Seek medical advice.

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).

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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.

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/m³
-	-	-

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

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SECTION 9. Physical and chemical properties

a) Appearance:	white viscous paste
b) Smell:	mild
c) Odor Threshold:	-
d) pH:	8
e) Melting / freezing point:	0°C (water)
f) Boiling point:	100°C (wáter)
g) Viscosity (25°C)	15000 mPas
h) Solubility	water
i) Density (20°C)	1,00 – 1,50 g/cm^3

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	LD50 > 2000 mg/kg
Acute dermal toxicity	LD50 > 2000 mg/kg
Skin irritation	Possible for mechanical effect
Eyes irritation	Possible for mechanical effect
Skin sensibilization	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:
BOD_5 130 gO_2/l
COD 990 gO_2/l
EC50 (*Daphnia magna*, 48h) > 100 ml/l OECD202
EC50 (*Selenastrum capricornutum*, 72h) > 100 ml/l OECD201
12.2. Persistence and degradability: no data available for the product or its components.
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.

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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

SECTION 15: Regulatory information
EC Regulation n. 1907/2006 (REACH)
VOC (volatile organic compounds) :   1 %

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)
- Istituto Superiore per la Prevenzione E la Sicurezza negli ambienti di Lavoro (www.ispesl.it)
- www.cdc.gov/niosh/
- www.osha.gov/
- toxnet.nlm.nih.gov/

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

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