



SAFETY DATA SHEET

UNISTAR COLORS INK

Printing date:	18.07.2024	Version:	1.1
Revision:	20.03.2026		

Drawn up in accordance with COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals REACH (Official Journal of the European Union No. L 203 of 26.06.2020)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name:	UNISTAR COLORS INK
Color names:	Arctic Mist, Athletic Gold, Banana Yellow, Basic Brown, Basic Brown 2, Basic Dark Red, Basic Grey Dark, Basic Gray Light, Basic Gray Medium, Basic Gray Medium Dark, Basic Gray Ultra Light, Basic Red, Basic Yellow, Battleship Blue, Beetroot Purple, Beige, Berry Splash, Blending White, Blue Clouds, Blue Gray 1, Blue Gray 2, Blue Gray 3, Blue Gray 4, Blue Gray 5, Brick Wall, Bubblegum Pink, Carnation Hue, Celadon Green, Chocolate, Color Mix Solution, Coral 2, Coral Red, Coral Whisper, Cosmic Blue, Dark Blue, Dark Green, Dark Ochre, Deep Green, Deep Lagoon, Eggplant Purple, Ember Flare, Flamingo Pink, Forest Shadow, Foxglove Pink, Fresh Peppermint, Frost Gray, Galactic Echo, Garden Fresh, Golden Yellow, Grayish Green, Green Whisper, Heavy White, Hot Pink, Inferno Blaze, Insekt Bright Blue, Insekt Deep Blue, Insekt True Blue, Jade Shadow, Light Brown, Light Grayish Green, Light Green, Melon Orange, Mint Green, Misty Green, Muted Green, Neon Pink, Nightshade Blue, Ocean Breeze, Ocean Wave, Olive, Olive Night, Orange, Pink, Process Blue, Pure Orange, Purple Sage, Red 2, Red Orange, Ruby, Salmon, Shocking Pink, Skintone 1, Skintone 2, Skintone 3, Skintone 4, Skintone 5, Skintone 6, Skintone 7, Skintone 8, Skintone 10, Skintone 11, Soft Pale Green, Solid Gray #1, Solid Gray #2, Solid Gray #3, Solid Gray #4, Solid Gray #5, Spicy Mustard, Sweet Raspberry, Tan, Teal, Tiki Teal, Tobacco Brown, Tomato Red, Top Basic Black, Top Basic Coral, Top Basic Dark Blue, Top Basic Green Dark, Top Basic Green Light, Top Basic Light Orange, Top Basic Orange, Top Basic Red, Top Basic White, Top Basic Yellow, Very Light Pink, Vivid Lime, Yellow-Green

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

Uses identified:	Mixture for use in tattoos or permanent makeup
Uses advised against:	No data provided

1.3. Details of the supplier of the safety data sheet



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Supplier:	KWADRON sp. z o.o. sp. k.
Addres:	Sosnowiecka St. 81 31-345 Kraków
Phone number:	+48 666 601 666
E-mail address:	info@kwadron.net

1.4. Emergency phone number

National emergency number: 112

SECTION 2: IDENTIFICATION OF HAZARDS

2.1. Classification of the substance or mixture

Classification according to Regulation 1272/2008 (CLP) as amended:
The mixture is not classified as hazardous or dangerous.

2.2. Labelling elements

Mixture for use in tattoos or permanent makeup

Pictograms:	Not applicable
Warning word:	Not applicable
Phrases indicating the type of hazard:	Not applicable
Precautionary statements:	Not applicable

2.3. Other risks

The product does not contain any substances meeting the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) 1907/2006 at a concentration of 0.1 % by weight or higher.

The mixture does not contain endocrine disruptors included on the list established in accordance with Article 59(1) in concentrations of 0.1% by weight or more and does not contain endocrine disruptors 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

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3.2. Mixtures

Substance name REACH Registration No. WE No. CAS No.	Classification according to Regulation (EC) No 1272/2008 (CLP)	Hazard statements H, EUH	% [weight]	SCL, M-fator, ATE
CI 77891 Titanium dioxide WE: 236-675-6 CAS: 13463-67-7 (The product does not cause exposure to this substance by inhalation.)	Carc. 2 Note V Note W Note 10 Note 10: The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1% or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter $\leq 10 \mu\text{m}$.	H351 (inhalation)	0 – 55	Not applicable
CI 77266 CAS: 1333-86-4 WE: 215-609-9	Not classified	Not applicable	0 - 25	Not applicable
CI 21290 CAS: 77804-81-0	Not classified	Not applicable	0 - 25	Not applicable
CI 56280 CAS: 5590-18-1	Not classified	Not applicable	0 - 25	Not applicable
CI 56110 CAS: 84632-65-5	Not classified	Not applicable	0 - 25	Not applicable
CI 69800 CAS: 81-77-6	Not classified	Not applicable	0 - 25	Not applicable
CI 45160:4 CAS: 3564-21-4	Not classified	Not applicable	0 - 25	Not applicable



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CI 45170:4 CAS: 12224-98-5	Not classified	Not applicable	0 - 25	Not applicable
CI 15865:4 CAS: 5280-66-0	Not classified	Not applicable	0 - 25	Not applicable
CI 12760 CAS: 72102-84-2	Not classified	Not applicable	0 - 25	Not applicable
CI 12516 CAS: 61951-98-2	Not classified	Not applicable	0 - 25	Not applicable
CI 77007 CAS: 57455-37-5	Not classified	Not applicable	0 - 25	Not applicable
CI 12475 CAS: 2786-76-7	Not classified	Not applicable	0 - 25	Not applicable
CI 12395 CAS: 6535-47-3	Not classified	Not applicable	0 - 25	Not applicable
CI 12474 CAS: 36968-27-1	Not classified	Not applicable	0 - 25	Not applicable
CI 12517 CAS: 12225-08-0	Not classified	Not applicable	0 - 25	Not applicable
CI 12335 CAS: 6410-30-6	Not classified	Not applicable	0 - 25	Not applicable
CI 200310 CAS: 68516-73-4	Not classified	Not applicable	0 - 25	Not applicable



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Ethanol REACH Registration No.: 01-2119987321-35-0007 WE: 200-578-6 CAS: 64-17-5	Flam. Liq. 2 Eye Irrit. 2	H225 H319	<0,01	Specific concentration limit: Eye Irrit. 2, H319: C ≥ 50%
Hexane-1,2-diol REACH Registration No.: 01-2119987321-35-0007 WE: 230-029-6 CAS: 6920-22-5	Eye Irrit. 2	H319	<0,01	Not applicable
Caprylyl Glycol Octane-1,2-diol REACH Registration No.: 01-2119966905-22 WE: 214-254-7 CAS: 1117-86-8	Eye Irrit. 2	H319	<0,01	Not applicable

A description of the H-phrases is given in section 16.

Note V: If the substance is to be placed on the market as fibres (diameter < 3 µm, length > 5 µm, and aspect ratio ≥ 3:1), or as particles of a substance meeting the WHO criteria for fibres, or as particles with modified surface chemistry, their hazardous properties should be assessed in accordance with Title II of this Regulation to determine whether a higher category (Carc. 1B or 1A) and/or additional routes of exposure (oral or dermal) should be applied.

Note W: The carcinogenic hazard associated with this substance has been observed to arise when respirable dust is inhaled in quantities that lead to significant impairment of the natural mechanisms for clearing particles from the lungs. This note describes the specific type of toxic effect of the substance and is not a classification criterion under this Regulation.

Note 10: The classification as a carcinogen by inhalation only applies to mixtures in powder form containing 1% or more titanium dioxide in the form of particles with an aerodynamic diameter ≤ 10 µm or incorporated into such particles.

The product does not contain other hazardous ingredients in quantities which, according to Regulation 1272/2008 (CLP), would require them to be listed in this section.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

In case of symptoms or concerns,
call for medical assistance.

Inhalation:

Take affected person outside into fresh air and
make sure he/she can breathe normally.

Skin contact:

Wash the skin with plenty of soapy water.

Eye contact:

Rinse eyes under running water for several
minutes with eyelids open.



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Ingestion: If feeling unwell, contact a poison centre or seek medical advice.

Protection of first aiders: No action should be taken that would create a risk to anyone, unless properly trained to do so. Use personal protective equipment.

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

No data

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

Treat symptomatically

SECTION 5: FIREFIGHTING MEASURES

5.1. Firefighting measures

Suitable extinguishing media: Diffuse water jet, carbon dioxide, extinguishing powder, foam. In the event of a larger fire, extinguishing media should be adapted to the surrounding conditions.

Unsuitable extinguishing media: Strong water jet

5.2. Special hazards arising from the substance or mixture

Avoid inhalation of combustion products.

5.3. Information for the fire brigade

Wear self-contained breathing apparatus and full protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Mechanically collect leaking liquid and dispose of it correctly.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Collect with absorbent material (sand, diatomaceous earth, universal binder, sawdust), collect in closed containers and dispose of properly.

6.4. Reference to other sections

Also refer to sections 7, 8 and 13 of the safety data sheet.

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SECTION 7: HANDLING AND STORAGE OF SUBSTANCE AND MIXTURES

7.1. Precautions for safe handling

Ensure good ventilation in the workplace. Wash hands before breaks and after finishing work. Use personal protective equipment. Do not eat, drink or smoke at the place of work. Remove contaminated clothing and wash before reuse. Do not inhale gases/vapours/aerosols.

7.2. Conditions for safe storage, including any incompatibilities

Keep the packaging dry and tightly closed. Store opened containers in such a way that no liquid can escape. Store in a dark, cool place. Do not store in unlabelled containers.

7.3. Specific end use(s)

Mixture for tattooing for professional use only by qualified personnel with authorisations required by the applicable legislation, under appropriate conditions and in compliance with the most stringent health and safety regulations.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Limiting parameters have not been defined as the product is not hazardous.

8.2. Exposure controls

Direct contact with the product is essential for its use (see Section 1.2 on the Uses identified as relevant) and for this reason, damage is not expected to occur. To minimise any risks, the following protective measures have been developed.

8.2.1. Appropriate engineering controls

Adequate and sufficient ventilation must be provided. Proceed in accordance with the instructions for handling and storage of substances and mixtures covered in section 7.

8.2.2. Individual protection means, such as personal protective equipment

Eye or face protection: Wear close-fitting safety goggles.

Skin protection: Not required. Direct contact with the product is essential for its use. For hygiene and health reasons, the person working with the product must use suitable disposable gloves, disposable protective clothing and any other personal protective equipment and observe the precautions necessary to guarantee the hygiene and safety of the person on whom the treatment is carried out.

Respiratory protection: Adequate aeration and ventilation should be provided. For hygiene and health reasons, the person working with the product must use a special disposable mask.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Dispersion of pigments in water, stabilising and wetting additives. When stored in its original sealed packaging, the product is chemically and microbiologically stable.

- a) State: Liquid
- b) Colour: No available data
- c) Odour: Characteristic
- d) Melting/freezing point: No available data
- e) Boiling point or initial boiling point and boiling range: No available data
- f) Flammability of materials: No available data
- g) Lower and upper explosion limits: No available data
- h) Flash point: No available data
- i) Auto-ignition temperature: No available data
- j) Decomposition temperature: No available data
- k) pH: No available data
- l) Kinematic viscosity: No available data
- m) Solubility: Water-soluble liquid. Insoluble pigments.
- n) Partition coefficient n-octanol/water (logP ratio value): No available data
- o) Vapour pressure: No available data
- p) Density or relative density: No available data
- q) Relative vapour density: No available data
- r) Particle characteristics: No available data

9.2. Other information

This product is for tattooing for professional use only.

9.2.1. Information on physical risk classes

Not applicable

9.2.2. Other safety features

Not applicable

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No hazardous reactions when handled in accordance with the instructions for handling and storage (see section 7 of this document). Do not mix with products of other brands or similar products whose use is classified as other than those described in this document.



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10.2. Chemical stability

The product remains stable provided that the instructions for handling and storage of substances and mixtures are followed (see section 7 of this document). Do not mix with products of other brands or similar products whose use is classified as other than those described in this document.

10.3. Possibility of hazardous reactions

There are no known hazardous reactions with proper storage and handling.

10.4. Conditions to avoid

See section 7.2 of this document

10.5. Incompatibile materials

No available data

10.6. Hazardous decomposition products

Under normal conditions of storage and use, no hazardous decomposition products are formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No. 1272/2008

No toxicological data are available for the mixture.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Not applicable

11.2.2. Other information

No data available

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

The product is not considered toxic to aquatic organisms and does not cause long-term adverse environmental changes.

Hazardous to the aquatic environment, short term (acute): Not classified
Hazardous to the aquatic environment, long term (chronic): Not classified

12.2. Persistence and degradability

No data available



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12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

The product does not contain any substances meeting the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) 1907/2006 at a concentration of 0.1 % by weight or higher.

12.6. Endocrine disrupting properties

Not applicable

12.7. Other adverse effects

Not known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste disposal methods

Recommendations concerning the product:	Do not dispose of into sewage system. Do not allow to contaminate surface water or groundwater. Dispose of as special waste in accordance with local and national regulations
Recommendations for used packaging:	Recycling / disposal of packaging waste must be carried out in accordance with applicable legislation.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number or ID number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard classes

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable



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14.6. Special precautions for user

Not applicable

14.7. Bulk maritime transport in accordance with IMO instruments

Not applicable

SECTION 15: REGULATORY INFORMATION

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

Act on chemical substances and their mixtures of 25 February 2011 (Journal of Laws 2011 no. 63 item 322) - consolidated text Journal of Laws 2022 item 1816.

Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the maximum permissible concentrations and intensities of factors harmful to health in the working environment (Journal of Laws of 2018, item 1286, as amended)

Regulation (EC) 1907/2006 of the European Parliament and of the Council of 18 December 2006 on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Directive (EEC) no. 793/93 and Commission Regulation (EC) no. 1488/94, as well as Council Directive 76/769/EEC and Commission Directive 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (O.J. L no. 396 of 30 December 2006 as amended).

COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the registration, evaluation, authorisation and restriction of chemicals REACH (Official Journal of the European Union L 203 of 26.06.2020).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC and amending Regulation (EC) No 1907/2006 (Official Journal of the European Union L No. 353 of 31 December 2008, as amended).

Regulation of the Minister of Health of 02 February 2011 on testing and measurements of agents harmful to health in the workplace (Journal of Laws 2011 no. 33 item 166).

Regulation of the Minister of Labour and Social Policy of 26 September 1997 on general regulations of safety and hygiene at work (consolidated text Journal of Laws of 2003. No. 169, item 1650; of 2007. No. 49, item 330; of 2008. No. 108, item 690; of 2011. No. 173, item 1034).

Regulation of the Minister of Health of 30 December 2004 on health and safety at work related to the presence of chemical agents in the workplace (Journal of Laws 2005 No. 11 item 86) - consolidated text Journal of Laws 2016 item 1488.

Act on fire protection of 24 August 1991 (Journal of Laws 1991, no. 81, item 351) - consolidated text Journal of Laws 2022 item 2057.



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Act on waste of 14 December 2012 (Journal of Laws 2013, item 21) - consolidated text Journal of Laws 2022 item 699.

Act on the Transport of Dangerous Goods of 19 August 2011 (Journal of Laws 2011 no. 227 item 1367) - consolidated text Journal of Laws 2022 item 2147.

Government's declaration of 26 July 2005 on the coming into force of changes to Annexes A and B to the European Agreement on transport of dangerous goods by road (ADR) drawn up in Geneva on 30 September 1957 (Journal of Laws no. 178, item 1481, 2005 as amended).

15.2. Chemical safety assessment

No data provided

SECTION 16: OTHER INFORMATION

How to use:

For use by professionals only.

It is recommended to comply with hygiene and health regulations when using the product.

Do not use if the skin is damaged. Do not apply to irritated skin or if inflammation is present.

The product must not be used around the eyes.

For those predisposed to intolerance reactions, allergy testing is indicated. In case of a positive result, do not use the product. Store in a dry place, away from sources of light and heat. Keep out of the reach of children. Use within 12 months of opening.

Follow the recommendations for disposal.

The information provided in the safety data sheet is intended to assist in the safe use of the product.

The user of the product is obliged to comply with all applicable standards and regulations, and to create appropriate conditions for the safe use of the product.

Hazard classes and categories:

Eye Irrit. 2 – Serious eye damage / eye irritation, category 2

Flam. Liq. 2 – Flammable liquid, category 2

Carc. 2 - Carcinogenic substance, category 2

H-phrases from section 3:

H225 – Highly Flammable liquid and vapor

H319 – Causes serious eye irritation

H351 - Suspected of causing cancer (inhalation)