

SAFETY DATA SHEET

according to Regulation No 1907/2006 of the European Parliament and of the Council, as amended by Regulation (EU) 2020/878

Date of issue: 28. 05. 2024

Product code: -

Version: 1.0

Date of revision: -

Replaced version from: -

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Trade Name: **Pigments Opium IV**

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

1.1 Product identifier

Trade Name

C2-TINA brow pigment

Mixture description

Homogeneous suspension of pigments.

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

Identified uses

Mixture for use in tattoos or permanent make-up.

Uses advised against

It is recommended to use only for identified uses. Other uses may expose users to an unpredictable risk.

1.3 Details of the supplier of the safety data sheet

AS Company Czechia s.r.o.

Prosecká 524/26

180 00 Praha 8

Czech Republic

telephone: +420 777 013 500

e-mail address for a competent person responsible for the SDS: sales@as-pigments.com

1.4 Emergency telephone number

112 (General emergency phone), 998 (fire brigade), 999 (ambulance service).

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The mixture **is not classified as dangerous** according to regulation 1272/2008/EC.

Classification according to 1272/2008/EC **not classified**

Full text of classifications and H-phrases: see section 16.

The most important adverse physicochemical, human health and environmental effects

No known effects of this mixture that could lead to the classification as hazardous.

2.2 Label elements

hazard pictograms

None.

signal word

None.

components of the mixture to be placed on the label

None.

hazard statements

None.

precautionary statements

None.

supplemental hazard information

Mixture for use in tattoos or permanent make-up.

2.3 Other hazards

At the date of preparation of the safety data sheet the mixture does not contain: substances identified as endocrine disruptors, substances classified as PBT or vPvB according to Annex XIII of the REACH, substances kept on the REACH Annex XIV Candidate List (SVHC list).

SECTION 3: Composition/information on ingredients

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3.2 Mixtures

3.2.1 Components of a mixture classified as hazardous

This product does not contain hazardous substances in an amount exceeding the limit set for listing substances in this section according to the CLP Regulation.

3.2.1 Other components of the mixture

| Chemical identity | CAS Number EC Number Index Number | Registration Number | Content (wt. %) | Classification 1272/2008/EC |
|--------------------------|--|--------------------------------|----------------------------|--|
| Chromium (III) oxide | 1308-38-9 215-160-9 not listed | not registered | < 10 | not classified |
| Silica | 121375-93-7 807-338-5 not listed | not registered | < 2 | not classified |

SECTION 4: First aid measures

In all cases, provide the affected person with physical and mental peace and prevent colds. Never give anything by mouth to an unconscious person. Pay attention to personal safety during rescue work. If in doubt or if symptoms persist, seek medical attention.

4.1 Description of first aid measures

Inhalation

Stop exposure immediately. Transport the victim to fresh air (beware of contaminated clothing) and keep him in a position that facilitates breathing. Keep the victim warm. Seek medical attention if symptoms appear or persist.

Skin contact

Remove contaminated clothing and shoes immediately. Remove rings, watches, bracelets, etc., before or during washing, if they are in the skin contact area and if it is easy to do so. Wash the affected area for at least 15 minutes with plenty of clean running water, preferably lukewarm and soap. Do not use solvents or thinners. Never neutralize. If symptoms persist, seek medical attention.

Eye contact

Protect unaffected eye. Immediately flush eyes with a moderate stream of clean running water, preferably lukewarm. Open the eyelids (even by force). Remove contact lenses, if present, and continue rinsing for at least 15 minutes from the inner corner of the eye to the outer one. Never neutralize. If symptoms persist, seek professional medical attention.

Ingestion

Do not induce vomiting. Rinse mouth only with water. Administer about 10-20 crushed activated charcoal tablets with drinking water, preferably lukewarm. Sparkling or mineral waters are not suitable for rinsing or drinking. Never administer alcoholic beverages. If the victim vomits spontaneously, keep his head low to ensure he cannot inhale vomitus or stain other parts of his body or the body of the rescuer. If the problem persists, seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Not known.

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Adapt the extinguishing media to the surrounding burning substances.

Extinguishing media which shall not be used for safety reasons

Solid water streams may be ineffective. The fire may spread.

5.2 Special hazards arising from the substance or mixture

In the event of a fire, prevent the leakage of extinguishing water and product residues into sewers and environmental components, especially into water sources. Collect them separately and dispose safely in accordance with applicable legislation and local regulations

In case of fire, hazardous combustion gases are formed - carbon oxides and products of incomplete combustion.

5.3 Advice for firefighters

Stop further release of product and move packaging/containers/vessels away from fire to a safe location if possible. Use water jets to cool packages/containers/vessels exposed to fire.

Do not intervene without suitable protective equipment. Wear suitable self-contained breathing apparatus and fire-fighting/chemical suit.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes, use suitable protective equipment and clothing, see section 8. Ensure adequate ventilation of premises and avoid accumulation of vapors and aerosols. Additional protective measures - see section 7.

6.2 Environmental precautions

Avoid release to the environment, in particular to the sewer system, water courses, soil and underground water. If this cannot be prevented, inform relevant authorities (police and firefighters) immediately.

6.3 Methods and material for containment and cleaning up

Depending on the amount of leaked product, in case of large spills the product should first be dammed and then drained, or in case of small spills absorbed with suitable inert absorbent material (e. g. vermiculite, dry sand) or wiped with absorbent material (e. g. cloth, non-woven fabric) and dispose of according to section 13. Flush residues with water, collect as waste for disposal. Minimize the formation of vapours and aerosols during removal. Ventilate the affected area.

In case of damaged container, transfer the content into new undamaged container and correctly re-label.

6.4 Reference to other sections

Observe also the provisions of section 7, 8 and 13 of this safety data sheet.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes, wear suitable protective equipment and clothing, see section 8 of the SDS. Ensure adequate ventilation. Avoid the formation and accumulation of vapours/aerosols. If vapours/aerosols are still formed, their deposits must be removed regularly.

Eliminate all possible sources of ignition: heat, hot surfaces, sparks, open flames and other possible sources of ignition.

Observe the safety regulations for handling chemicals. Smoking, eating and drinking should be prohibited at the point of use. Always wash your hands after handling the product. Remove contaminated protective equipment

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before entering rest or eating area. After work, wash thoroughly with warm water and soap, take a shower. Change your contaminated clothing immediately with clean one.

7.2 Conditions for safe storage, including any incompatibilities

Store in original, well-closed containers, in a dry and well-ventilated place. Protect from moisture, frost, direct sunlight, high temperatures and possible sources of ignition.

Suitable storage temperature: 10 – 25 °C. Suitable packaging materials: glass and polymer packaging.

7.3 Specific end use(s)

See section 1.2.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1 Exposure limit value according to the Directive No 2004/37/EC, No 2006/15/EC

Respirable crystalline silica dust - respirable fraction (CAS 121375-93-7):

Limit values - 8 hrs.: 0.1 mg/m³.

Chromium Metal, Inorganic Chromium (II) Compounds and Inorganic Chromium (III) Compounds (insoluble) (CAS 1308-38-9):

Limit values - 8 hrs.: 2 mg/m³.

8.1.2 Biological limit values

Not determined in EU.

8.1.3 DNEL and PNEC values

Not determined.

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure adequate ventilation in the workplace to comply with the established exposure limits for the given substance. Observe safety measures for working with chemicals. The degree of effectiveness of personal protective equipment depends, among other things, on the concentration of the substance at the workplace, the temperature, the exposure time, the type of work performed, the level of ventilation and the concentration of the product.

8.2.2 Individual protection measures, such as personal protective equipment

Respiratory protection Not necessary if exposure limits are observed or if vapours and aerosols are not formed. If exposure limits are exceeded, or if vapours and aerosols are generated, use a suitable respirator, half mask or full face mask, and self-contained breathing apparatus must be worn in the event of intense or prolonged exposure to accidents or fires.

Hand protection In case of prolonged or repeated contact with the skin, use chemical-resistant protective gloves (e.g. made of butyl rubber or nitrile rubber, according to EN 374).

Eye/face protection In the event of possible eye contact, use well-sealed safety glasses (e.g. according to EN 166).

Skin protection Body protection must be selected according to the activity and possible exposure, e. g. protective work clothes and shoes, apron, etc.

Do not eat, drink or smoke. After work, wash thoroughly with warm water and soap and take a shower. Use protective cream. Do not use soiled protective equipment, do not use solvents for washing.

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8.2.3 Environmental exposure reduction

Uncontrolled escape of the mixture into environment is to be avoided. Observe emission limits.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|---|--------------------------------------|
| Physical state | liquid - homogeneous suspension |
| Colour | various |
| Odour | odorless |
| Melting point/freezing point | not determined |
| Boiling point (range) | not determined |
| Flammability | not determined |
| Explosive limits | <i>lower</i> (% vol.) not determined |
| | <i>upper</i> (% vol.) not determined |
| Flash point | not determined |
| Autoignition temperature | not determined |
| Decomposition temperature | does not apply |
| pH | 5 - 7 |
| Kinematic viscosity | not determined |
| Relative viscosity | 70 - 200 |
| Solubility | water: soluble |
| Partition coefficient: n-octanol/water (log value) | does not apply |
| Vapour pressure | not determined |
| Density | 1 100 - 1 500 g/cm ³ |
| Relative vapour density | not determined |
| Particle characteristics | mixture does not contain nanoform |

9.2 Other information

Not determined.

9.2.1 Information with regard to physical hazard classes

The mixture is not classified as an explosive or oxidant.

9.2.2 Other safety characteristics

The mixture is not an explosive precursor according to Regulation (EU) No 2019/1148.

SECTION 10: Stability and reactivity

10.1 Reactivity

The product is stable under the recommended conditions of use and storage. There are no dangerous reactions.

10.2 Chemical stability

The product is stable under the recommended conditions of handling, use and storage.

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10.3 Possibility of hazardous reactions

The product is stable under the recommended conditions of handling, use and storage.

10.4 Conditions to avoid

Protect from moisture, frost, direct sunlight, high temperatures and possible sources of ignition.

10.5 Incompatible materials

Not determined.

10.6 Hazardous decomposition products

Not determined.

SECTION 11: Toxicological information

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

| | |
|--|---|
| Acute toxicity | Based on available data, the classification criteria are not met. |
| - <i>LD₅₀ oral</i> | data for the mixture are not available |
| - <i>LD₅₀ skin</i> | data for the mixture are not available |
| - <i>LC₅₀ inhalation</i> | data for the mixture are not available |
| Skin corrosion/irritation | Based on available data, the classification criteria are not met. |
| Serious eye damage/irritation | Based on available data, the classification criteria are not met. |
| Respiratory or skin sensitisation | Based on available data, the classification criteria are not met. |
| Germ cell mutagenicity | Based on available data, the classification criteria are not met. |
| Carcinogenicity | Based on available data, the classification criteria are not met. |
| Reproductive toxicity | Based on available data, the classification criteria are not met. |
| STOT – single exposure | Based on available data, the classification criteria are not met. |
| STOT – repeated exposure | Based on available data, the classification criteria are not met. |
| Aspiration hazard | Based on available data, the classification criteria are not met. |

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

The mixture and its components do not meet the criteria according to regulations (EU) No 2017/2100, (EU) No 2018/605.

11.2.2 Other information

See sections 2 and 4.

SECTION 12: Ecological information

12.1 Toxicity

Based on available data, the classification criteria are not met.

| | |
|---------------------|--|
| Fish | data for the mixture are not available |
| Daphnia | data for the mixture are not available |
| Algae | data for the mixture are not available |
| Water plants | data for the mixture are not available |

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12.2 Persistence and degradability

Not determined for the mixture.

12.3 Bioaccumulative potential

Not determined for the mixture.

12.4 Mobility in soil

Not determined for the mixture.

12.5 Results of PBT and vPvB assessment

The mixture and its components do not meet the criteria of Annex XIII to Regulation (EC) No 1907/2006.

12.6 Endocrine disrupting properties

The mixture and its components do not meet the criteria according to Regulations (EU) No 2017/2100, (EU) No 2018/605.

12.7 Other adverse effects

The mixture and its components are not listed in Regulation (EC) No 2024/590 on substances that deplete the ozone layer.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods of the substance or mixture and the contaminated packaging

Must be disposed in accordance to the applicable European and national regulations. Never dispose by flushing into sewer! Do not contaminate ponds or ditches with chemical or used container. Hand over residual amounts and solutions to a licensed disposal company. Waste classification and removal of waste is a producer's responsibility.

Possible waste code:

07 06 99 - wastes not otherwise specified.

20 03 99 - municipal wastes not otherwise specified.

Physical/chemical properties that may affect waste treatment options

Labelling according to Annex III of Directive 2008/98/EC: None known.

Special precautions recommended for waste management

None known.

Waste legislation

Directive 2008/98/EC

SECTION 14: Transport information

This product is not classified as a dangerous for transportation (ADR/RID, IMDG, ICAO/IATA).

14.1 UN number or ID number

not given

14.2 UN proper shipping name

- ADR/RID/IMDG/IATA

not given

14.3 Transport hazard class(es)

not given

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14.4 Packing group

not given

14.5 Environmental hazards

it is not dangerous for the environment during transport

14.6 Special precautions for user

not given

14.7 Maritime transport in bulk according to IMO instruments

not available

14.8 Other information on labelling

ADR/RID

| | |
|------------------------------|-----------|
| - classification code | not given |
| - labels | not given |
| - hazard identification code | not given |
| - tunnel restriction code | not given |

IMDG

| | |
|-----------------------------|-----------|
| - Emergency Schedules (EmS) | not given |
|-----------------------------|-----------|

SECTION 15: Regulatory information

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

Regulation No. 1907/2006/EC, REACH.

Regulation No. 1272/2008/EC, CLP.

Regulation No. 2019/1148/EU, on the marketing and use of explosives precursors.

Regulation No. 2019/1021/EU, on persistent organic pollutants.

15.2 Chemical safety assessment

Chemical safety assessment has not been performed.

SECTION 16: Other information

Reason for alteration

First edition.

Key or legend to abbreviations and acronyms used in the safety data sheet

| | |
|-----------|---|
| DNEL | Derived No Effect Level |
| PNEC | Predicted No Effect Concentration |
| CLP | Regulation No. 1272/2008/EC |
| REACH | Regulation No. 1907/2006/EC |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| IMDG | International Maritime Dangerous Goods Code |
| ICAO/IATA | The International Civil Aviation Organization / International Air Transport Association |
| IMO | International Maritime Organization |

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| | |
|------------------|---|
| LC ₅₀ | Lethal concentration at which 50 % of test subjects die |
| LD ₅₀ | Lethal dose at which 50 % of test subjects die |
| PBT | Persistent, Bioaccumulative, Toxic chemical |
| vPvB | Very Persistent and Very Bioaccumulative chemical |
| SVHC | Substances of Very High Concern |

Sources of key data used to compile the Safety Data Sheet

European legislation, MedisAlarm database, chemical literature, manufacturer SDS.

List of H-phrases

Not listed.

Training advice

According to SDS.

Relevant information for classification

Classification according to the data from the manufacturer. The mixture is classified using calculation methods according to the regulation CLP. Using only for the purposes designated by the manufacturer will prevent health and environmental risks.

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