

Safety Data Sheet

according to Regulation (EC) No 1907/2006

JUST INK Tavin Red

Revision date: 20.01.2022

Product code: 27253

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

1.1. Product identifier

JUST INK Tavin Red

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

Use of the substance/mixture

Intradermal application

Uses advised against

permanent make-up

1.3. Details of the supplier of the safety data sheet

Company name: JUST INK Distribution GmbH

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Place: D-82166 Gräfelfing

Telephone: +49 89 1250 1450 7

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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

No label required according to 1999/45/EC, annex V B, No. 9.

Special labelling of certain mixtures

EUH210 Safety data sheet available on request.

2.3. Other hazards

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

| CAS No | Chemical name | | | Quantity |
|----------|---------------------------------------|--------------|----------|-----------|
| | EC No | Index No | REACH No | |
| | GHS Classification | | | |
| 100-51-6 | benzyl alcohol | | | 1 - < 5 % |
| | 202-859-9 | 603-057-00-5 | | |
| | Acute Tox. 4, Acute Tox. 4; H332 H302 | | | |

Full text of H and EUH statements: see section 16.

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Specific Conc. Limits, M-factors and ATE

| CAS No | EC No | Chemical name | Quantity |
|----------|-----------|---|-----------|
| | | Specific Conc. Limits, M-factors and ATE | |
| 100-51-6 | 202-859-9 | benzyl alcohol | 1 - < 5 % |
| | | inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); oral: LD50 = 1230 mg/kg | |

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

After inhalation

Provide fresh air.

After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Rinse mouth immediately and drink plenty of water.

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

Allergic anaphylactic shock.

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

Treat symptomatically. Regulation of the blood circulation, possible shock treatment.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

Non-flammable. Vapours can form explosive mixtures with air. No risks worthy of mention. Please observe the information on the safety data sheet at all times.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****General measures**

none

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up**Other information**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

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6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13 No special environmental protection measures are necessary.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

No special technical protective measures are necessary.

Advice on protection against fire and explosion

Non-combustible liquids

Further information on handling

No special handling advices are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. storage temperature: 5°C - 35°C

Hints on joint storage

No special measures are necessary.

7.3. Specific end use(s)

Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

| CAS No | Substance | ppm | mg/m ³ | fib/cm ³ | Category | Origin |
|---------|---|------|-------------------|---------------------|---------------|--------|
| 64-17-5 | Ethanol | 1000 | - | | STEL (15 min) | |
| 78-93-3 | Methyl ethyl ketone (MEK) (Butan-2-one) | 200 | 600 | | TWA (8 h) | |
| | | 300 | 900 | | STEL (15 min) | |
| 57-55-6 | Propane-1,2-diol, total (vapour and particulates) | 150 | 470 | | TWA (8 h) | |

Biological limit values

| CAS No | Substance | Parameter | Value | Test material | Sampling time |
|---------|-------------|-------------|-----------|---------------|---------------|
| 78-93-3 | Butan-2-one | Butan-2-one | 70 µmol/L | Urine | Post shift |

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DNEL/DMEL values

| CAS No | Substance | | | |
|--------------------------|-------------------------------|----------------|----------|-------------------|
| DNEL type | | Exposure route | Effect | Value |
| 57-55-6 | Propylenglycol-1,2 | | | |
| Worker DNEL, long-term | | inhalation | systemic | 168 mg/m³ |
| Worker DNEL, long-term | | inhalation | local | 10 mg/m³ |
| Consumer DNEL, long-term | | inhalation | systemic | 50 mg/m³ |
| Consumer DNEL, long-term | | inhalation | local | 10 mg/m³ |
| 64-17-5 | ethanol; ethyl alcohol | | | |
| Worker DNEL, long-term | | inhalation | systemic | 950 mg/m³ |
| Worker DNEL, long-term | | dermal | systemic | 343 mg/kg bw/day |
| Consumer DNEL, long-term | | inhalation | systemic | 114 mg/m³ |
| Consumer DNEL, long-term | | dermal | systemic | 206 mg/kg bw/day |
| Consumer DNEL, long-term | | oral | systemic | 87 mg/kg bw/day |
| 78-93-3 | butanone; ethyl methyl ketone | | | |
| Worker DNEL, long-term | | inhalation | systemic | 600 mg/m³ |
| Worker DNEL, long-term | | dermal | systemic | 1161 mg/kg bw/day |
| Consumer DNEL, long-term | | inhalation | systemic | 106 mg/m³ |
| Consumer DNEL, long-term | | dermal | systemic | 412 mg/kg bw/day |
| Consumer DNEL, long-term | | oral | systemic | 31 mg/kg bw/day |

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PNEC values

| CAS No | Substance | Value |
|--|-------------------------------|--------------|
| Environmental compartment | | |
| 57-55-6 | Propylenglycol-1,2 | |
| Freshwater | | 260 mg/l |
| Freshwater (intermittent releases) | | 183 mg/l |
| Marine water | | 26 mg/l |
| Freshwater sediment | | 572 mg/kg |
| Marine sediment | | 57,2 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 20000 mg/l |
| Soil | | 50 mg/kg |
| 64-17-5 | ethanol; ethyl alcohol | |
| Freshwater | | 0,96 mg/l |
| Freshwater (intermittent releases) | | 2,75 mg/l |
| Marine water | | 0,79 mg/l |
| Freshwater sediment | | 3,6 mg/kg |
| Marine sediment | | 2,9 mg/kg |
| Secondary poisoning | | 380 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 580 mg/l |
| Soil | | 0,63 mg/kg |
| 78-93-3 | butanone; ethyl methyl ketone | |
| Freshwater | | 55,8 mg/l |
| Freshwater (intermittent releases) | | 55,8 mg/l |
| Marine water | | 55,8 mg/l |
| Freshwater sediment | | 284,74 mg/kg |
| Marine sediment | | 284,7 mg/kg |
| Secondary poisoning | | 1000 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 709 mg/l |
| Soil | | 22,5 mg/kg |

Additional advice on limit values

Does not contain substances above concentration limits fixing an occupational exposure limit.

8.2. Exposure controls

Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Protective and hygiene measures

Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Eye/face protection

Eye protection: not required.

Hand protection

Hand protection: not required.

Skin protection

Body protection: not required.

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Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: liquid
 Colour: red
 Odour: characteristic

Test method

pH-Value (at 20 °C): 7,5 - 8,5 ISO 4316

Changes in the physical state

Melting point: No data available
 Boiling point or initial boiling point and boiling range: 64,7 °C
 Sublimation point: No data available
 Softening point: No data available
 Pour point: No data available
 Flash point: 59,7 °C
 Sustaining combustion: Not sustaining combustion EN ISO 9038

Flammability

Solid/liquid: No data available
 Gas: No data available
 Lower explosion limits: 1,22 vol. %
 Upper explosion limits: 19 vol. %
 Auto-ignition temperature: 360 °C ASTM D 1929

Self-ignition temperature

Solid: No data available
 Gas: No data available

Oxidizing properties

Alcohol
 Vapour pressure: 57,26 hPa
 (at 20 °C)
 Vapour pressure: 123 hPa
 (at 50 °C)
 Density (at 20 °C): 1,10 g/cm³
 Bulk density: No data available
 Water solubility: No data available

Solubility in other solvents

No data available
 Partition coefficient n-octanol/water: No data available
 Viscosity / dynamic: No data available
 Viscosity / kinematic: No data available
 Flow time: No data available
 Relative vapour density: No data available
 Evaporation rate: No data available
 Solvent separation test: No data available

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Solvent content:

5,11 %, water: 44,93 %

9.2. Other information

Solid content:

25,19 %

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

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

Toxicokinetics, metabolism and distribution

No information available.

Acute toxicity

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

There are no data available on the preparation/mixture itself.

| CAS No | Chemical name | | | | |
|----------|--------------------|-----------------|---------|--------|--------|
| | Exposure route | Dose | Species | Source | Method |
| 100-51-6 | benzyl alcohol | | | | |
| | oral | LD50 1230 mg/kg | Rat | GESTIS | |
| | inhalation vapour | ATE 11 mg/l | | | |
| | inhalation aerosol | ATE 1,5 mg/l | | | |

Irritation and corrosivity

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

Not an irritant.

Sensitising effects

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

not sensitising.

Carcinogenic/mutagenic/toxic effects for reproduction

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

No indications of human carcinogenicity exist.

No indications of human germ cell mutagenicity exist.

No indications of human reproductive toxicity exist.

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STOT-single exposure

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

No information available.

STOT-repeated exposure

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

No information available.

Aspiration hazard

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

No information available.

Specific effects in experiment on an animal

The components in this formulation do not meet the criteria for classification as CMR category 1 or 2.

Additional information on tests

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

Practical experience

No information available.

11.2. Information on other hazards

Other information

No information available.

Further information

Summarized evaluation of the CMR properties: The components in this formulation do not meet the criteria for classification as CMR category 1 or 2.

SECTION 12: Ecological information

12.1. Toxicity

Technically correct releases of minimal concentrations to adapted biological sewage treatment facility, will not disturb the biodegradability of activated sludge.

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|----------|----------------|---------|
| 100-51-6 | benzyl alcohol | 1,05 |

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.7. Other adverse effects

No data available

Further information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

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List of Wastes Code - residues/unused products

- 200128 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paint, inks, adhesives and resins other than those mentioned in 20 01 27

List of Wastes Code - used product

- 200128 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paint, inks, adhesives and resins other than those mentioned in 20 01 27

List of Wastes Code - contaminated packaging

- 200128 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paint, inks, adhesives and resins other than those mentioned in 20 01 27

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

SECTION 14: Transport information**Land transport (ADR/RID)**

- 14.1. UN number:** Not classified for this carrier.
14.2. UN proper shipping name: Not classified for this carrier.
14.3. Transport hazard class(es): No
14.4. Packing group: No

Other applicable information (land transport)

No dangerous good in sense of this transport regulation.
Not restricted

Inland waterways transport (ADN)

- 14.1. UN number:** Not classified for this carrier.
14.2. UN proper shipping name: Not classified for this carrier.
14.3. Transport hazard class(es): No
14.4. Packing group: No

Other applicable information (inland waterways transport)

Not restricted

Marine transport (IMDG)

- 14.1. UN number:** Not classified for this carrier.
14.2. UN proper shipping name: Not classified for this carrier.
14.3. Transport hazard class(es): No
14.4. Packing group: -

Other applicable information (marine transport)

Not restricted

Air transport (ICAO-TI/IATA-DGR)

- 14.1. UN number:** Not classified for this carrier.
14.2. UN proper shipping name: Not classified for this carrier.
14.3. Transport hazard class(es): No
14.4. Packing group: -

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Other applicable information (air transport)

No dangerous good in sense of this transport regulation.
Not restricted

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No

14.7. Maritime transport in bulk according to IMO instruments

No

SECTION 15: Regulatory information

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

EU regulatory information

2010/75/EU (VOC): 20,245 % (222,699 g/l)
2004/42/EC (VOC): 21,968 % (241,643 g/l)
Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Additional information

Mixture for use in tattoos. Annex XVII to Regulation (EC) No 1907/2006, 75.

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

For this mixture a chemical safety assessment has been carried out.

SECTION 16: Other information

Changes

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)
Validity period: EC member states, Switzerland, Turkey, Russia, Croatia

Relevant H and EUH statements (number and full text)

H302 Harmful if swallowed.
H332 Harmful if inhaled.
EUH210 Safety data sheet available on request.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

Identified uses

| No | Short title | LCS | SU | PC | PROC | ERC | AC | TF | Specification |
|----|-------------|-----|----|----|------|-----|----|----|---------------|
| 1 | tattoo ink | PW | - | 18 | 20 | - | - | - | 1 |

LCS: Life cycle stages

PC: Product categories

ERC: Environmental release categories

TF: Technical functions

SU: Sectors of use

PROC: Process categories

AC: Article categories

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)