

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

31 DARK BROWN COSMETIC PIGMENT

1. Identification of the substance/mixture and company

Trade name: 31 DARK BROWN, Cosmetic Pigment
INCI Iron Oxide Red CI 77491, Iron Oxide Yellow CI 77492, Iron Oxide Black CI 77499
Utilization: Cosmetic ingredient
Supplier company identification: **Elemental SRL**, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania
Tel/Fax: +40259-436.755, www.elemental.eu
Emergency: RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București.
International emergency number: +49 180 2273-112

2. Hazards Identification

2.1 Classification of the substance or mixture

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Adverse physical and chemical, human health and environmental effects: No other hazards.

2.2 Label elements

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Special provisions according to Annex XVII of REACH and subsequent amendments: None

2.3 Other hazards

No other hazards.

No PBT Ingredients are present.

3. Declaration of ingredients

3.1 Substances

Not Available

3.2 Mixtures

Mixture identification: Iron Oxide Red CI 77491, Iron Oxide Yellow CI 77492, Iron Oxide Black CI 77499

Hazardous components within the meaning of the CLP regulation and related classification:

None

4. First aid measures

4.1 Description of first aid measures

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In case of skin contact: Wash with plenty of water and disinfectant/non-abrasive soap.

In case of eye contact: Wash immediately with water.

In case of ingestion: Do not induce vomiting, get medical attention showing the MSDS and hazard label.

In case of inhalation: Remove casualty to fresh air and keep warm and at rest.

Most important systems and effects, both acute and delayed

Acute : none

Long term (repeated) : may cause irritation to the respiratory system. Cough. Increased difficulty in breathing.

4.2 Main symptoms and effects, both acute and delayed

Not available.

5. Fire fighting measures

5.1 Means of extinction

Suitable extinguishing media: Water, CO₂, foam, chemical powders, according to the materials involved in the fire.

In case of fire, use foam, dry chemical, CO₂.

Unsuitable extinguishing media: None in particular.

5.2 Special hazards arising from the substance or mixture

Noncombustible. Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3 Recommendations for fire-fighters

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

6. Accidental release measures

6.1 Personal precautions, protective devices and emergency procedures

Wear personal protection equipment. Do not breathe dust.

Remove persons to safety.

See protective measures under point 7 and 8.

6.2 Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose of it following local legislation.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities if required.

Suitable material for cleaning up: dry and inert absorbing material (e.g. vermiculite, sand, earth).

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6.3 Methods and materials for containment and remediation

Suitable material for cleaning up: Use vacuum equipment for collecting spilt materials, where practicable.
Wash with plenty of water.

6.4 Reference to other sections

See also section 8 and 13.

7. Handling and storage

7.1 Precautions for safe handling

Avoid contact with eyes, avoid breathing dust.
Do not eat or drink while working.
See also section 8 for recommended protective equipment.

7.2 Conditions for safe storage, including any incompatibilities

Store in a tightly closed container in a cool, dry, well-ventilated area.
Incompatible materials: None in particular.
Instructions as regards storage premises: Adequately ventilated premises.

7.3 Specific end uses

Recommendation(s): temperature < 25°C.
Industrial sector specific solutions: None in particular.

8. Exposure controls / personal protection

8.1 Control parameters

Control parameters : provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures. Exposure limit values : not known

8.2 Exposure controls

Appropriate engineering controls :provide adequate ventilation to ensure that the occupational exposure limit is not exceeded. Isolate the dispersive process step away from other operations. This can be achieved by local exhaust ventilation or general ventilation.

Eye/face protection: Eye glasses with side protection.

Skin protection: Chemical protection clothing.

Hand protection: NBR (nitrile rubber).

Respiratory protection: Filtering Half-face mask (DIN EN 149).

Hygienic and Technical measures: Not Available

9. Physical and chemical properties

9.1 Information on physical and chemical properties

Physical State Solid

Appearance: Powder

Odour: odourless

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pH: Not Available
Melting point/ range: Not Available
Boiling point/ range: Not Available
Flash point: Not Applicable
Evaporation rate: Not Available
Upper/lower flammability or explosive limits: Not Available
Vapour density: Not Available
Vapour pressure (20°C): Not Available
Density (20°C): Not Available
Water solubility: Insoluble
Lipid solubility: Insoluble
Partition coefficient (n-octanol/water): Not Available
Auto-ignition temperature: Not Available
Decomposition temperature: Not Available
Viscosity (20°C): Not Available
Explosive properties: Not explosive
Oxidising properties: Not Available
Flammability (Solid, Gas): Not Available
Volatile Organic compounds - VOCs = Not Available

9.2 Other information

Substance group relevant properties: N. A.
Miscibility: N. A.
Conductivity: N. A.

10. Stability and reactivity

Stable under normal conditions of use.

10.1 Responsiveness

Not applicable

10.2 Chemical stability

Not Available

10.3 Possibility of dangerous reactions

there may be violent or incandescent reaction of the product with metals at high temperatures (e.g., aluminium; calcium; magnesium; potassium; sodium; zinc).

10.4 Conditions to avoid

Stable under normal conditions of temperature and pressure.

10.5 Incompatible materials

Avoid strong oxidizing agents, peroxides, acids, alkali metals.

10.6 Hazardous decomposition products

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No informatin available.

11. Toxicological information

11.1 Information on toxicological effects

Toxicological Information of the Preparation

- a) acute toxicity not available
- b) skin corrosion/irritation Skin Irritant No Irritant effect
- c) serious eye damage/irritation Eye Irritant Non irritating, minimal

11.2 If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as N.A.

- a) acute toxicity
- b) skin corrosion/irritation
- c) serious eye damage/irritation
- d) respiratory or skin sensitization
- e) germ cell mutagenicity
- f) carcinogenicity
- g) reproductive toxicity
- h) STOT- single exposure
- i) STOT- repeated exposure
- j) aspiration hazard

12. Ecological information

12.1 Toxicity

Adopt good working practices, so that the product is not released into the environment.
Eco-toxicity: no data

List of Eco-Toxicological properties of the product

No Data Available

12.2 Persistence and degradability

Not Biodegradable

12.3 Bioaccumulation potential N.A.

12.4 Ground mobility N.A.

12.5 Results of PBT and vPvB assessment

No PBT Ingredients are present.

12.6 Other adverse effects N.A.

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13. Disposal considerations

13.1 Waste treatment methods

Dispose of contents in accordance with local, state or national legislation.

14. Transport information

14.1 UN number

N.A.

14.2 UN shipping name

ADR: N.A.

IMDG: N.A.

IATA: N.A.

14.3 Class of danger for transport

ADR: N.A.

IMDG: N.A.

IATA: N.A.

14.4 Packing group

ADR: N.A.

IMDG: N.A.

IATA: N.A.

14.5 Environmental hazards

Toxic Ingredients Qty: 0.00

High Toxicity Ingredients Qty: 0.00

Marine pollutant: No

Environmental Pollutant: No

14.6 Special precautions for users

Road and Rail (ADR-RID):

ADR-Label: N.A.

ADR-Upper number: N.A.

ADR-Special Provisions: N.A.

ADR-Transport category (Tunnel restriction code): N.A.

Air (IATA):

IATA-Passenger Aircraft: N.A.

IATA-Cargo Aircraft: N.A.

IATA-Label: N.A.

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IATA-Sub Risk: N.A.

IATA-Erg: N.A.

IATA-Special Provisioning: N.A.

Sea (IMDG):

IMDG-Stowage Code: N.A.

IMDG-Stowage Note: N.A.

IMDG-Sub Risk: N.A.

IMDG-Special Provisioning: N.A.

IMDG-Page: N.A.

IMDG-Label: N.A.

IMDG-EMS: N.A.

IMDG-MFAG: N.A.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code: N.A.

15. Regulatory information

15.1 Regulations and legislation on health, safety and environment specific to the substance or mixture

Dir. 98/24/EC (Risks related to chemical agents at work)

Not classified as dangerous for supply/use.

SVHC Substances: No Data Available

15.2 Chemical safety assessment. Not available.

16. Additional information

16.1 Abbreviations

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

LTE: Long-term exposure.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

STE: Short-term exposure.

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STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

Disclaimer:

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.