



BROW CODE

MATERIAL SAFETY DATA SHEET

BROW CODE BROW TINT REMOVER

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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|-------------------------------|---|
| 1.1. Product (material) name: | Tint Remover for oxidative dyes |
| 1.2. Commercial name: | Brow Code Tint Remover |
| 1.3. Supplier: | Brow Code |
| 1.4. Address: | 5 Distribution Avenue, Molendinar 4214, QLD |
| 1.5. Phone: | +61 07 55 646 977 |
| 1.6. Fax: | +61 07 55 646 005 |
| 1.7. Email: | shop@browcode.com |
| 1.8. Website: | www.browcode.com |
| 1.9. Emergency Contacts: | Poisons Information centre Australia 13 11 26 New Zealand: 0800 764 766 U.S.S: 1800 222 1222 |

2. HAZARDS IDENTIFICATION

| | |
|--------------------------------|--|
| 2.1. GB CLP Regulation: | Hazard categories: Serious eye damage/eye irritation. Hazard Statements: Causes serious eye irritation. |
| 2.2. Hazard Statements: | Causes serious eye irritation. |
| 2.3. Precautionary Statements: | If medical advice is needed, have product container or label at hand. Keep out of reach of children. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| 2.4. Special Labelling: | Contains Lemon oil. May produce an allergic reaction. Labelling according to cosmetic directive. |
| 2.5. Other Hazards: | The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII. |

3. INFORMATION ABOUT THE INGREDIENTS

3.1 Mixtures: propan-2-ol; isopropyl alcohol; isopropanol, Sorbitan monooleate, ethoxylated, Lemon oil

4. First Aid Measures

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

- 4.1 General Information: In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
- 4.2. After Inhalation: In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of respiratory tract irritation, consult a physician.
- 4.3. After Skin Contact: Gently wash with plenty of soap and water. In case of skin irritation, seek medical treatment.
- 4.4. After Contact with Eyes: Rinse cautiously with water for several minutes. In case of troubles or persistent symptoms, consult an ophthalmologist. Rinse mouth thoroughly with water.
- 4.5. After Ingestion: Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. In all cases of doubt, or when symptoms persist, seek medical advice.
- 4.6. Important Symptoms: No information available.
- 4.7. Treatment: Treat symptomatically.

5. FIRE FIGHTING MEASURES

- 5.1. Extinguishing Media: **Suitable Extinguishing Media:** Carbon dioxide (CO₂). Dry extinguishing powder. alcohol resistant foam. Atomized water.
Unsuitable Extinguishing media: High power water jet.
- 5.2. Special Hazards from Substance or Mixture: Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO₂).

5.3. Advice for Firefighters:

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

5.4. Additional Information:

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Co-ordinate fire-fighting measures to the fire surroundings.

6. HANDLING AND STORAGE

Advice of Safe Handling: Wear suitable protective clothing. See section 8.

Protection Against Fires: Usual measures for fire prevention.

Advice On General Hygiene: Always close containers tightly after the removal of product. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

Storage: Keep container tightly closed in a cool, well-ventilated place.

Joint Storage: Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feeding-stuff.

Further Information: Keep the packing dry and well sealed to prevent contamination and absorption of humidity. Recommended storage temperature: 20°C
Protect against: frost. UV-radiation/sunlight. heat. Humidity

7. ACCIDENTAL RELEASE MEASURES

7.1. General Measures:

Safe handling: see section 6

Personal protection equipment: see section 8. Emergency Responders No special measures are necessary.

7.2. Environmental Precaution:

Discharge into the environment must be avoided.

7.3. Methods and material for containment and cleaning up:

For containment: 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.

For cleaning up: Clean contaminated objects and areas thoroughly observing environmental regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters:

Exposure Limits: Propan-2-ol

8.2. DNEL/DMEL Values:

Worker DNEL, long-term-inhalation (effect systemic).
Consumer DNEL, long-term-inhalation (effect systemic).
Worker DNEL, long-term-dermal (effect systemic).
Consumer DNEL, long-term-oral (effect Systemic).
Consumer DNEL, long-term-dermal (effect Systemic).

8.3. PNEC Values:

Freshwater, Freshwater (intermittent releases), Marine water, Freshwater sediment, Marine sediment, Secondary poisoning, Micro-organisms in sewage treatment plants (STP), Soil.

8.4. Exposure Controls:

Appropriate engineering controls: Technical measures and the application of suitable work processes have priority over personal protection equipment. Provide adequate ventilation.

8.5. Protection Measures:

Eyewear: Wear safety glasses; chemical goggles (if splashing is possible). BS/EN 166

Hand protection: Wear suitable gloves. Check leak tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well.

Skin Protection: Suitable protective clothing: Lab apron. Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500 (D).

Respiratory Protection: With correct and proper use, and under normal conditions, breathing protection is not required. Respiratory protection necessary at:

- exceeding exposure limit values
- Insufficient ventilation and aerosol or mist formation

Suitable respiratory protective equipment: particulates filter device (DIN EN 143). Type: P1-3. The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing.

8.6. Environmental Exposure:

Do not allow uncontrolled discharge of product into the environment. apparatus must be used.

9. PHYSICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

Physical: Liquid
Colour: Not Determined
Odour: Characteristic

9.2. Changes in Physical State:

Melting point/freezing point: not determined
Boiling point or initial boiling point and boiling range: not determined
Sublimation point: not determined
Softening point: not determined
Pour point: not determined
Flash point: 36 °C DIN EN ISO 1523
Lower explosion limits: not determined
Upper explosion limits: not determined
Auto-ignition temperature: not determined

9.3. Self-ignition Temp:

Gas: not determined
Decomposition temperature: not determined
none

9.4. Oxidizing Properties:

pH-Value: not determined
Viscosity / dynamic: not determined
Viscosity / kinematic: not determined
Flow time: not determined
Water solubility: not determined

9.5. Solubility In other Solvents:

Partition coefficient n-octanol/water: Vapour pressure: not determined
Density: not determined
Relative vapour density: not determined

9.6. Other Information:

Information with regard to physical hazard classes Sustaining combustion: Not sustaining combustion UN Test L.2
Other safety characteristics
Solvent separation test: not determined
Solvent content: not determined
Solid content: not determined
Evaporation rate: not determined

10. STABILITY AND REACTIVITY

10.1. Reactivity:

No information available.

10.2. Chemical Stability:

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions:

10.4. Conditions to avoid:

10.5. Incompatible materials:

10.6. Hazardous decomposition product:

Refer to chapter 10.5.

Protect against: UV-radiation/sunlight. heat.

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong.

Does not decompose when used for intended uses. Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in GB CLP Regulation:

Toxicokinetics, metabolism and distribution
No data available.

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

11.2. Irritation:

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

11.3. Sensitising effects:

Contains Lemon oil. May produce an allergic reaction.

11.4. Carcinogenic/mutagenic/toxic effects for reproduction:

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

11.5. STOT-single exposure:

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

11.6. STOT-repeated Exposure:

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

11.7. Aspiration hazard:

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

12. ECOLOGICAL INFORMATION

12.1. Toxicity:

Acute fish toxicity, Acute algae toxicity, Acute crustacea toxicity.

12.2. Persistence and degradability:

EU Method C.5/ EU Method C.6. Easily biodegradable (concerning to the criteria of the OECD).

12.3. Bioaccumulative potential:

No indication of bioaccumulation potential. -propan-2-ol; isopropyl alcohol; isopropanol.

12.4. Mobility in soil:

No data available.

12.5. Results of PBT and vPvB assessment:

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties:

No data available.

12.7. Other adverse effects:

No data available. Do not allow to enter into surface water or drains.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods:

Disposal recommendations: Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled. According to (EWC) European Waste Catalogue, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process. Control report for waste code/waste marking according to (EWC) European Waste Catalogue.

List of Wastes Code: 070699 Residues/unused products: WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified.

List of Wastes Code - used product: WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified.

List of Wastes Code - contaminated packaging: WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); mixed packaging.

Contaminated packaging: Handle contaminated packages in the same way as the substance itself.

14. TRANSPORT INFORMATION

Land transport (ADR/RID)

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|-----------------------------------|--|
| 14.1. UN number: | No dangerous good in transport regulation. |
| 14.2. UN proper shipping name: | No dangerous good in transport regulation. |
| 14.3. Transport hazard class(es): | No dangerous good in transport regulation. |
| 14.4. Packing group: | No dangerous good in transport regulation. |

Inland waterways transport (ADN)

| | |
|-----------------------------------|--|
| 14.1. UN number: | No dangerous good in transport regulation. |
| 14.2. UN proper shipping name: | No dangerous good in transport regulation. |
| 14.3. Transport hazard class(es): | No dangerous good in transport regulation. |
| 14.4. Packing group: | No dangerous good in transport regulation. |

Marine transport (IMDG)

| | |
|-----------------------------------|--|
| 14.1. UN number: | No dangerous good in transport regulation. |
| 14.2. UN proper shipping name: | No dangerous good in transport regulation. |
| 14.3. Transport hazard class(es): | No dangerous good in transport regulation. |
| 14.4. Packing group: | No dangerous good in transport regulation. |

Air transport (ICAO-TI/IA-TA-DGR)

| | |
|--|--|
| 14.1. UN number: | No dangerous good in transport regulation. |
| 14.2. UN proper shipping name: | No dangerous good in transport regulation. |
| 14.3. Transport hazard class(es): | No dangerous good in transport regulation. |
| 14.4. Packing group: | No dangerous good in transport regulation. |
| 14.5. Environmental hazards | No. |
| 14.6. Maritime transport in bulk according to IMO instruments: | Not relevant |

15. REGULATORY INFORMATION

| | |
|---|---|
| 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture: | U regulatory information Restrictions on use (REACH, annex XVII): Entry 3 2010/75/EU (VOC): No information available. 2004/42/EC (VOC): No information available. Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III). |
| 15.2. Additional information: | Safety Data Sheet according to UK-REACH Regulation. The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP]. UK REACH Appendix XVII, No (mixture): 3 |

15.3. National regulatory information:

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). 1 - slightly hazardous to water.

15.4. Chemical safety assessment:

For the following substances of this mixture a chemical safety assessment has been carried out: propan-2-ol; isopropyl alcohol; isopropanol

16. OTHER INFORMATION

Date of MSDS 06 April. 2022

Rev. 1.00; Initial release 22.07.2021

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

AGW: Arbeitsplatzgrenzwert

CAS: Chemical Abstracts Service

CLP: Classification, Labelling and Packaging of substances and mixtures

DNEL: Derived No Effect Level

d: day(s)

EINECS: European INventory of Existing Commercial chemical Substances

ELINCS: European List of Notified Chemical Substances

ECHA: European Chemicals Agency

EWC: European Waste Catalogue

IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

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

ICAO: International Civil Aviation Organization

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

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

h: hour

LOAEL: Lowest observed adverse effect level

LOAEC: Lowest observed adverse effect concentration

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NOAEL: No observed adverse effect level

NOAEC: No observed adverse effect concentration

NLP: No-Longer Polymers

N/A: not applicable

OECD: Organisation for Economic Co-operation and Development

PNEC: predicted no effect concentration

PBT: Persistent bioaccumulative toxic

RID: Reglement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

REACH: Registration, Evaluation, Authorisation of Chemicals

SVHC: substance of very high concern

TRGS: Technische Regeln für Gefahrstoffe

UN: United Nations

Relevant H and EUH statements (number and full text)

| | |
|--------|---|
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour. |
| H304 | May be fatal if swallowed and enters airways. Causes skin irritation. |
| H315 | May cause an allergic skin reaction. |
| H317 | Causes serious eye irritation. |
| H319 | May cause drowsiness or dizziness. |
| H336 | Suspected of damaging fertility or the unborn child. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |
| EUH208 | Contains Lemon oil. May produce an allergic reaction. |

Further Information

Classification according to Regulation (EC) No 1272/2008 [CLP] - Classification procedure:

Health hazards: Calculation method.

Environmental hazards: Calculation method.

Physical hazards: On basis of test data and / or calculated and / or estimated.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.