



MATERIAL SAFETY DATA SHEET

Brow Code Neutralising Setting Solution

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1. Product (Material) Name:	Neutralising Setting Solution
1.2. Commercial Name:	Brow Code Neutralising Setting Solution No.2
1.3. Supplier:	Brow Code Pty LTD
1.4. Address:	5 Distribution Avenue, Molendiner 4214, QLD, Australia
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.A: 1800 222 1222

2. HAZARDS IDENTIFICATION

2.1. Classification of Substance:	The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.
2.2. Hazard Classification:	Eye irritation, category 2- Causes serious eye irritation.
2.3. Label Elements:	Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements. Signal Words: Warning. Statement: H319
2.4. Precautionary Statements:	Wash... thoroughly after handling. Wear eye protection / face protection. If eye irritation persists: Get medical advice / attention.
2.5. Other Hazards:	On the basis of available data, the product does not contain any PBT or vPvB in percentage \geq than 0,1%. The product does not contain substances with endocrine disrupting properties in concentration \geq 0.1%.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances:	Information not relevant
3.2. Mixtures:	Aqua (Water), Cetearyl Alcohol, Hydrogen Peroxide, Ceteareth-20, Ceteareth-30, Citric Acid, Cocamidopropyl Betaine, Disodium Pyrophosphate, Etidronic Acid, Lauryl Alcohol, Phosphoric Acid, Sodium Chloride, Tetrasodium EDTA

4. FIRST AID MEASURES

4.1. Description:	<p>EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.</p> <p>SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention immediately. Wash contaminated clothing before using it again.</p> <p>INHALATION: Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention immediately.</p> <p>INGESTION: Get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly authorised by a doctor.</p>
4.2. Symptoms:	Specific information on symptoms and effects caused by the product are unknown.
4.2. Indication of Immediate Medical Attention:	Information not available

5. FIRE FIGHTING MEASURES

5.1. Extinguishing Media:	<p>SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p>
5.2. Special Hazards:	HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE. Do not breathe combustion products.
5.3. Advice For Firefighters:	Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS. Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

6. ACCIDENTAL RELEASE MEASURES

- 6.1. Individual Precautions:** Block the leakage if there is no hazard. Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.
- 6.2. Environmental Precautions:** The product must not penetrate into the sewer system or come into contact with surface water or ground water.
- 6.3. Cleansing Method:** Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material. Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.
- 6.3. Reference To Other Sections:** Any information on personal protection and disposal is given in sections 8 and 13.

7. HANDLING AND STORAGE

- 7.1. Precautions Handling:** Ensure that there is an adequate earthing system for the equipment and personnel. Avoid contact with eyes and skin. Do not breathe powders, vapours or mists. Do not eat, drink or smoke during use. Wash hands after use. Avoid leakage of the product into the environment.
- 7.2. Precautions Storage:** Store only in the original container. Store in a ventilated and dry place, far away from sources of ignition. Keep containers well sealed. Keep the product in clearly labelled containers. Avoid overheating. Avoid violent blows. Keep containers away from any incompatible materials, see section 10 for details.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1. Control Parameters:** CETEARYL ALCOHOL: Oral 75 mg/kg, Inhalation 65 mg/m³, Skin 75 mg/kg. HYDROGEN PEROXIDE SOLUTION: Inhalation 3 mg/m³.
- 8.2. Exposure Controls:** As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration. When choosing personal protective equipment, ask your chemical substance supplier for advice. Personal protective equipment must be CE marked, showing that it complies with applicable standards. Provide an emergency shower with face and eye wash station.

HAND PROTECTION

Protect hands with category III work gloves.
The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, failure time and permeability. The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required. Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited. If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Properties:

Appearance	crema/ pasta
Colour	bianco white
Odour	characteristic
Melting Point	not available
Initial Boiling Point	not available
Flammability	not available
Lower Explosive Limit	not available
Upper Explosive Limit	not available
Flash Point	not available
Auto-Ignition	not available
Decomposition	not available
pH	2,64

Kinematic Viscosity	not available
Dynamic Viscosity	29 610 mPa.s SPINDLE# T-F 12rpm
Solubility	not available
Partition Coefficient	not available
Vapour Pressure	not available
Density	0,960 - 1,000 kg/l
Vapour Density	not available
Particle	not available
Characteristics	not available

10. STABILITY AND REACTIVITY

10.1. Reactivity:	The product may react exothermically on contact with strong oxidising or reducing agents, strong acids or bases. Excessively high temperatures can cause thermal decomposition.
10.2. Chemical Stability:	
10.3. Possibility Of Hazardous Reactions:	See paragraph 10.1.
10.4. Conditions To Avoid:	Avoid overheating.
10.5. Incompatible Materials:	Oxidising or reducing agents. Strong acids or bases.
10.6. Hazardous Decomposition Products:	In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

11. TOXICOLOGICAL INFORMATION

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

11.1. Other Information:	Information not available
11.2. Likely Exposure:	Information not available
11.3. Chronic Effects From Short And Long-Term Exposure:	Information not available
11.4. Interactive Effects:	Information not available
11.5. Acute Toxicity:	ATE (Inhalation - vapours) of the mixture: > 20 mg/l ATE (Oral) of the mixture: >2000 mg/kg ATE (Dermal) of the mixture: Not classified (no significant component)
11.6. Cetearyl Alcohol:	LD50 (Dermal): > 5000 mg/kg CONIGLIO LD50 (Oral): > 2000 mg/kg RATTO

11.7. Hydrogen Peroxide Solution:	STA (Oral): 500 mg/kg estimate from table 3.1.2 of Annex I of the CLP (figure used for calculation of the acute toxicity estimate of the mixture) LC50 (Inhalation vapours): > 0,17 mg/l/4h RATTO STA (Inhalation vapours): 11 mg/l estimate from table 3.1.2 of Annex I of the CLP (figure used for calculation of the acute toxicity estimate of the mixture)
11.8. Cetearyl Alcohol:	LD50 (Oral): > 200 mg/kg RATTO STA (Oral): 500 mg/kg estimate from table 3.1.2 of Annex I of the CLP (figure used for calculation of the acute toxicity estimate of the mixture)
11.8. Skin Corrosion/Irritation:	Does not meet the classification criteria for this hazard class
11.9. Serious Eye Damage/Irritation:	Causes serious eye irritation
11.10. Respiratory Or Skin Sensitisation:	Does not meet the classification criteria for this hazard class
11.11. Germ Cell Mutagenicity:	Does not meet the classification criteria for this hazard class
11.13. Carcinogenicity:	Does not meet the classification criteria for this hazard class
11.14. Reproductive Toxicity:	Does not meet the classification criteria for this hazard class
11.15. Single Exposure:	Does not meet the classification criteria for this hazard class
11.16. Repeated Exposure:	Does not meet the classification criteria for this hazard class
11.17. Aspiration Hazard:	Does not meet the classification criteria for this hazard class

12. ECOLOGICAL INFORMATION

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1. Toxicity:	HYDROGEN PEROXIDE SOLUTION LC50 - for Fish 16,4 mg/l/96h PIMEPHALES PROMELAS EC50 - for Crustacea 2,4 mg/l/48h DAPHNIA PULEX EC50 - for Algae / Aquatic Plants 2,62 mg/l/72h SKELETONEMA COSTATUM
12.2. Persistence And Degradability:	HYDROGEN PEROXIDE SOLUTION Rapidly degradable CETEARYL ALCOHOL Degradability: information not available CETEARYL ALCOHOL Rapidly degradable

12.3. Bioaccumulative Potential:	Information not available
12.4. Mobility In Soil:	Information not available
12.5. Results Of PBT And Assessment:	On the basis of available data, the product does not contain any PBT or vPvB in percentage \geq than 0,1%.
12.6. Endocrine Disrupting Properties:	Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.
12.7. Other Adverse Effects:	Information not available

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods: Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

CONTAMINATED PACKAGING. Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

14. TRANSPORT INFORMATION

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.1. UN Number Or ID Number:	Not Applicable
14.2. UN Proper Shipping Name:	Not Applicable
14.3. Transport Hazard Class(es):	Not Applicable
14.4. Packing Group:	Not Applicable
14.5. Environmental Hazards:	Not Applicable
14.6. Special precautions for User:	Not Applicable

15. INFORMATION ABOUT REGULATION

15.1. Safety, Health And Environmental Regulations/Legislation Specific For The Substance Or Mixture:

- Seveso Category - Directive 2012/18/EU: None
Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006
- Product Point: 3
- Contained substance Point: 75
- Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors
- Regulated explosives precursor: The acquisition, introduction, possession or use of that regulated explosives precursor by members of the general public is subject to reporting obligations as set out in Article 9. All suspicious transactions and significant disappearances and thefts must be reported to the relevant national contact point.
- Substances in Candidate List (Art. 59 REACH). On the basis of available data, the product does not contain any SVHC in percentage \geq than 0,1%.
- Substances subject to authorisation (Annex XIV REACH). None
- Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012: None
- Substances subject to the Rotterdam Convention: None
- Substances subject to the Stockholm Convention: None
- Healthcare controls: Workers exposed to this chemical agent must not undergo health checks, provided that

15.2. Chemical Safety Assessment:

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

16. OTHER INFORMATION

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Acute Tox. 4

Acute toxicity, category 4

Eye Dam. 1

Serious eye damage, category 1

Eye Irrit. 2

Eye irritation, category 2

Skin Irrit. 2

Skin irritation, category 2

STOT SE 3

Specific target organ toxicity - single exposure,

Aquatic Chronic 3
Hazardous to the aquatic environment, chronic toxicity,
category 3

H302
Harmful if swallowed.

H332
Harmful if inhaled.

H318
Causes serious eye damage.

H319
Causes serious eye irritation.

H315
Causes skin irritation.

H335
May cause respiratory irritation.

H412
Harmful to aquatic life with long lasting effects.

LEGEND:

- - ADR: European Agreement concerning the carriage of Dangerous goods by Road
 - - ATE: Acute Toxicity Estimate
 - - CAS: Chemical Abstract Service Number
 - - CE50: Effective concentration (required to induce a 50% effect)
 - - CE: Identifier in ESIS (European archive of existing substances)
 - - CLP: Regulation (EC) 1272/2008
 - - DNEL: Derived No Effect Level
 - - EmS: Emergency Schedule
 - - GHS: Globally Harmonized System of classification and labeling of chemicals
- - IATA DGR: International Air Transport Association Dangerous Goods Regulation
 - - IC50: Immobilization Concentration 50%
 - - IMDG: International Maritime Code for dangerous goods
 - - IMO: International Maritime Organization
 - - INDEX: Identifier in Annex VI of CLP
 - - LC50: Lethal Concentration 50%
 - - LD50: Lethal dose 50%
 - - OEL: Occupational Exposure Level
 - - PBT: Persistent bioaccumulative and toxic as REACH Regulation
 - - PEC: Predicted environmental Concentration
 - - PEL: Predicted exposure level
 - - PNEC: Predicted no effect concentration
 - - REACH: Regulation (EC) 1907/2006
- - RID: Regulation concerning the international transport of dangerous goods by train
 - - TLV: Threshold Limit Value
- - TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
 - - TWA: Time-weighted average exposure limit
 - - TWA STEL: Short-term exposure limit
 - - VOC: Volatile organic Compounds
- - vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
 - - WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

- 1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
- 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
 - 3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
- 4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
- 5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
- 6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
- 7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
- 8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
- 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament

- 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
- 10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
- 11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
 - 12. Regulation (EU) 2016/1179 (IX Atp. CLP)
 - 13. Regulation (EU) 2017/776 (X Atp. CLP)
 - 14. Regulation (EU) 2018/669 (XI Atp. CLP)
 - 15. Regulation (EU) 2019/521 (XII Atp. CLP)
- 16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
 - 17. Regulation (EU) 2019/1148
- 18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
- 19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
- 20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
- 21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
- 22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP) - The Merck Index. - 10th Edition
 - - Handling Chemical Safety
- - INRS - Fiche Toxicologique (toxicological sheet) - Patty - Industrial Hygiene and Toxicology
- - N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition - IFA GESTIS website
 - - ECHA website
- - Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses. Provide appointed staff with adequate training on how to use chemical products.

CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11. Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.



MATERIAL SAFETY DATA SHEET

Brow Code Bond Solution

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1. Product (Material) Name:	Restructuring Bond Solution
1.2. Commercial Name:	Brow Code Restructuring Bond Solution No.1
1.3. Supplier:	Brow Code Pty LTD
1.4. Address:	5 Distribution Avenue, Molendiner 4214, QLD, Australia
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.A: 1800 222 1222

2. HAZARDS IDENTIFICATION

2.1. Classification of Substance:	The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.
2.2. Hazard Classification	Serious eye damage, category 1- H318: Causes serious eye damage. Skin irritation, category 2- H315: Causes skin irritation. Skin sensitization, category 1- H317: May cause an allergic skin reaction.
2.3. Precautionary Statements:	P305+P351+P338. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P280: Wear protective gloves / eye protection / face protection. P310: Immediately call a POISON CENTER / doctor / . . . P321: Specific treatment (see . . . on this label). P362+P364: Take off contaminated clothing and wash it before reuse. P272: Contaminated work clothing should not be allowed out of the workplace. P261: Avoid breathing dust / fume / gas / mist / vapours / spray. P264: Wash . . . thoroughly after handling. Contains: SODIUM HYDROXIDE, CYSTEAMINE HCL PARFUM/FRAGRANCE

3.4. Other:

On the basis of available data, the product does not contain any PBT or vPvB in percentage \geq than 0,1%.
The product does not contain substances with endocrine disrupting properties in concentration \geq 0.1%.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances:

Information not relevant

3.2. Mixtures:

Aqua (Water), Cysteamine HCl, Cetearyl Alcohol, Sodium Hydroxide, Paraffinum Liquidum (Mineral Oil), Cetareth-25, Propylene Glycol, Glycerin, Dimethicone, Disodium EDTA, Guar Hydroxypropyltrimonium Chloride, Parfum (Fragrance), Petrolatum, Polyquaternium-6, Alpha-Isomethyl Ionone,

4. FIRST AID MEASURES

4.1. Description:

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.
SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.
INGESTION: Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.
INHALATION: Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers. Specific information on symptoms and effects caused by the product are unknown.

4.2. Symptoms and Treatment:

Information not available

5. FIRE FIGHTING MEASURES

5.1. Extinguishing Media:

SUITABLE EXTINGUISHING EQUIPMENT
The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.
UNSUITABLE EXTINGUISHING EQUIPMENT
None in particular.

5.2. Special Hazards:

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE.
Do not breathe combustion products.

5.3. Advice For Firefighters:

GENERAL INFORMATION
Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS
Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

6. ACCIDENTAL RELEASE MEASURES

- 6.1. Personal Precautions: If there are no contraindications, spray powder with water to prevent the formation of dust. Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.
- 6.2. Environmental Precautions: The product must not penetrate into the sewer system or come into contact with surface water or ground water.
- 6.3. Cleansing Method: Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material. Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.
- 6.3. Reference To Other Sections: Any information on personal protection and disposal is given in sections 8 and 13.

7. HANDLING AND STORAGE

- 7.1. Precautions Handling: Ensure that there is an adequate earthing system for the equipment and personnel. Avoid contact with eyes and skin. Do not breathe powders, vapours or mists. Do not eat, drink or smoke during use. Wash hands after use. Avoid leakage of the product into the environment.
- 7.2. Precautions Storage: Store only in the original container. Store in a ventilated and dry place, far away from sources of ignition. Keep containers well sealed. Keep the product in clearly labelled containers. Avoid overheating. Avoid violent blows. Keep containers away from any incompatible materials, see section 10 for details.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1. Control Parameters: CETEARYL ALCOHOL: Oral 75 mg/kg, Inhalation 65 mg/m³, Skin 75 mg/kg. HYDROGEN PEROXIDE SOLUTION: Inhalation 3 mg/m³.

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well air ed through effective local aspiration. When choosing personal protective equipment, ask your chemical substance supplier for advice. Personal protective equipment must be CE marked, showing that it complies with applicable standards.

HAND PROTECTION

Protect hands with category III work gloves. The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, failure time and permeability. The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

SKIN PROTECTION

Wear category II professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required. Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited. If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Properties:

Appearance	crema/ pasta
Colour	white
Odour	characteristic

Melting point	not available
Initial boiling point	not available
Flammability	not available
Lower explosive limit	not available
Upper explosive limit	not available
Flash point	not available
Auto-ignition	not available
Decomposition	not available
pH	9,58
Kinematic viscosity	65000 mpa.s T-F 12 rpm
Solubility	not available
Partition coefficient	not available
Vapour pressure	not available
Density	0,95 - 1,00 g/l
Vapour density	not available
Particle Characteristics	not available

9.2. Other:	9.2.1. Information with regard to physical hazard classes Information not available
	9.2.2. Other safety characteristics VOC (Directive 2010/75/EU) 2,00 - 0,02 g/litre VOC (volatile carbon) 2,00 % - 0,02 g/litre

10. STABILITY AND REACTIVITY

10.1. Reactivity:	There are no particular risks of reaction with other substances in normal conditions of use.
10.2. Chemical Stability:	The product is stable in normal conditions of use and storage.
10.3. Possibility of Hazardous Reactions:	The powders are potentially explosive when mixed with air. Avoid environmental dust build-up.
10.4. Conditions To Avoid:	Information not available
10.5. Incompatible Materials:	Information not available
10.6. Hazardous Decomposition Products:	Information not available

11. TOXICOLOGICAL INFORMATION

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

11.1. Other Information:	Information not available
11.2. Likely Exposure:	Information not available

11.3. Chronic Effects From Short and Long-Term Exposure:	Information not available
11.4. Interactive Effects:	Information not available
11.5. Acute Toxicity:	ATE (Inhalation - vapours) of the mixture: > 20 mg/l ATE (Oral) of the mixture: >2000 mg/kg ATE (Dermal) of the mixture: Not classified (no significant component)
11.6. Cysteamine HCL:	LD50 (Oral): 1352 mg/kg TOPO
11.7. Cetearyl Alcohol:	LD50 (Oral): > 2000 mg/kg RATTO LD50 (Dermal): > 5000 mg/kg CONIGLIO
11.8. Paraffinum Liquidum:	LD50 (Oral): > 5000 mg/m ³ RATTO LD50 (Dermal): > 2000 mg/m ³ CONIGLIO LC50 (Inhalation vapours): > 5000 mg/m ³ RATTO - AEROSOL
11.8. Sodium Hydroxide:	LD50 (Oral): 1350 mg/kg ratto LD50 (Dermal): 1350 mg/kg ratto
11.9. Propylene Glycol:	LD50 (Oral): 22000 mg/kg RATTO LD50 (Dermal): > 2000 mg/kg RATTOs
11.10. Glycerin:	LD50 (Oral): 18300 mg/kg ratto
11.11. Skin Corrosion:	Causes skin irritation
11.13. Eye Damage:	Causes serious eye damage
11.14. Skin Sensitisation:	Sensitising for the skin
11.15. Germ Cel Mutagenicity:	Does not meet the classification criteria for this hazard class

12. ECOLOGICAL INFORMATION

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1. Toxicity:	<p>CYSTEAMINE HCL EC50 - for Crustacea 2,75 mg/l/48h DAPHNIA MAGNA EC50 - for Algae / Aquatic Plants 19,7 mg/l/72h PSEUDOKIRCHNERIELLA SUBCAPITATA GLYCERIN LC50 - for Fish 54 g/l oncorhynchus mykiss SODIUM HYDROXIDE LC50 - for Fish > 72 mg/l gambusia affinis PROPYLENE GLYCOL LC50 - for Fish 40163 mg/l/96h ONCORHYNCHUS MYKISS EC50 - for Crustacea 18340 mg/l/48h CERIODAPHNIA DUBIA</p>
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PARAFFINUM LIQUIDUM
EC50 - for Crustacea 100 mg/l/48h DAPHNIA MAGNA
EC50 - for Algae / Aquatic Plants 100 mg/l/72h
PSEUDOKIRCHNERIELLA SUBCAPITATA

12.2. Persistence and Degradability:	CYSTEAMINE HCL Rapidly degradable PROPYLENE GLYCOL Rapidly degradable PARAFFINUM LIQUIDUM Rapidly degradable CETEARYL ALCOHOL Rapidly degradable
12.3. Bioaccumulative Potential:	Information not available
12.4. Mobility In Soil:	Information not available
12.5. Results Of PBT and vPvB Assessment:	On the basis of available data, the product does not contain any PBT or vPvB in percentage \geq than 0,1%.
2.6. Endocrine Disrupting Properties:	Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods: Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.
CONTAMINATED PACKAGING. Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

14. TRANSPORT INFORMATION

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.1. UN Number or ID Number:	Not Applicable
14.2. UN Proper Shipping Name:	Not Applicable
14.3. Transport Hazard Class(es):	Not Applicable
14.4. Packing Group:	Not Applicable
14.5. Environmental Hazards:	Not Applicable
14.6. Special Precautions For User:	Not Applicable

15. INFORMATION ABOUT REGULATION

15.1. Safety, Health and Environmental Regulations/Legislation Specific For The Substance Or Mixture:

- Seveso Category - Directive 2012/18/EU: None Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006
- Product Point: 3
- Contained substance Point: 75
- Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors
- Regulated explosives precursor: The acquisition, introduction, possession or use of that regulated explosives precursor by members of the general public is subject to reporting obligations as set out in Article 9. All suspicious transactions and significant disappearances and thefts must be reported to the relevant national contact point.
- Substances in Candidate List (Art. 59 REACH). On the basis of available data, the product does not contain any SVHC in percentage \geq than 0,1%.
- Substances subject to authorisation (Annex XIV REACH). None
- Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012: None
- Substances subject to the Rotterdam Convention: None
- Substances subject to the Stockholm Convention: None
- Healthcare controls: Workers exposed to this chemical agent must not undergo health checks, provided that that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

15.2. Chemical Safety Assessment:

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

16. OTHER INFORMATION

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Met. Corr. 1 Substance or mixture corrosive to metals, category 1

- Acute Tox. 4 - Acute toxicity, category 4
- Skin Corr. 1 A- Skin corrosion, category 1A
- Eye Dam. 1 - Serious eye damage, category 1
- Eye Irrit. 2 - Eye irritation, category 2
- Skin Irrit. 2 - Skin irritation, category 2
- 2 STOT SE 3 - Specific target organ toxicity - single exposure, category 3
- Skin Sens. 1- Skin sensitization, category 1
- Aquatic Chronic 2 - Hazardous to the aquatic

H290

May be corrosive to metals.

H302

Harmful if swallowed.

H314

Causes severe skin burns and eye damage.

H318

Causes serious eye damage.

H319

Causes serious eye irritation.

H315

Causes skin irritation.

H335

May cause respiratory irritation.

H317

May cause an allergic skin reaction.

H411

Toxic to aquatic life with long lasting effects.

LEGEND:

- - ADR: European Agreement concerning the carriage of Dangerous goods by Road
- - ATE: Acute Toxicity Estimate
- - CAS: Chemical Abstract Service Number
- - CE50: Effective concentration (required to induce a 50% effect)
- - CE: Identifier in ESIS (European archive of existing substances)
- - CLP: Regulation (EC) 1272/2008
- - DNEL: Derived No Effect Level
- - EmS: Emergency Schedule
- - GHS: Globally Harmonized System of classification and labeling of chemicals
- - IATA DGR: International Air Transport Association Dangerous Goods Regulation
- - IC50: Immobilization Concentration 50%
- - IMDG: International Maritime Code for dangerous goods
- - IMO: International Maritime Organization
- - INDEX: Identifier in Annex VI of CLP
- - LC50: Lethal Concentration 50%
- - LD50: Lethal dose 50%
- - OEL: Occupational Exposure Level
- - PBT: Persistent bioaccumulative and toxic as REACH Regulation
- - PEC: Predicted environmental Concentration
- - PEL: Predicted exposure level
- - PNEC: Predicted no effect concentration
- - REACH: Regulation (EC) 1907/2006
- - RID: Regulation concerning the international transport of dangerous goods by train
- - TLV: Threshold Limit Value
- - TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- - TWA: Time-weighted average exposure limit
- - TWA STEL: Short-term exposure limit
- - VOC: Volatile organic Compounds
- - vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- - WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)

- 6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
- 7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
- 8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
- 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
- 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
- 10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
- 11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
- 12. Regulation (EU) 2016/1179 (IX Atp. CLP)
- 13. Regulation (EU) 2017/776 (X Atp. CLP)
- 14. Regulation (EU) 2018/669 (XI Atp. CLP)
- 15. Regulation (EU) 2019/521 (XII Atp. CLP)
- 16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
- 17. Regulation (EU) 2019/1148
- 18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
- 19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
- 20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
- 21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
- 22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP) - The Merck Index. - 10th Edition
- - Handling Chemical Safety
- - INRS - Fiche Toxicologique (toxicological sheet) - Patty - Industrial Hygiene and Toxicology
- - N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition - IFA GESTIS website
- - ECHA website
- - Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses. Provide appointed staff with adequate training on how to use chemical products.

CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11. Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.



MATERIAL SAFETY DATA SHEET

Brow Code Restorative Mask

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1. Product (Material) Name:	Restorative Mask
1.2. Commercial Name:	Brow Code Restorative Mask No.3
1.3. Supplier:	Brow Code Pty LTD
1.4. Address:	5 Distribution Avenue, Molendiner 4214, QLD, Australia
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.A: 1800 222 1222

2. HAZARDS IDENTIFICATION

2.1. Classification of Substance:	When used properly, the product is safe and tolerable in accordance with the legal provisions (Article 3 of the EC Cosmetics Regulation). The following information applies to inadvertent misuse or accidents as well as possible commercial uses. May cause eye irritation.
2.2. Label Elements:	Avoid contact with eyes. In case of contact with eyes, rinse immediately with water.
2.3. Other:	Product may be flammable; Irritant effect after eye contact possible

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances:	This product is a mixture. Aqua (Water), Cysteamine
3.2. Mixtures:	AQUA (WATER), C12-20 ACID PEG-8 ESTER, GLYCERIN, CETYL ALCOHOL, ARGANIA SPINOSA KERNEL OIL, CAPRYLIC/ CAPRIC TRIGLYCERIDE, RICINUS COMMUNIS SEED OIL (RICINUS COMMUNIS (CASTOR) SEED OIL), SIMMONDSIA CHINENSIS SEED OIL (SIMMONDSIA CHINENSIS (JOJOBA) SEED OIL), SODIUM HYALURONATE, HYDROLYZED WHEAT PROTEIN, ALGAE EXTRACT, CETRIMONIUM CHLORIDE, PHENOXYETHANOL, IMIDAZOLIDINYL UREA, PANTHENOL, TOCOPHERYL ACETATE, TETRASODIUM GLUTAMATE DIACETATE, ETHYLHEXYLGLYCERIN, CITRIC ACID

4. FIRST AID MEASURES

4.1. Description:

Measures in the event of:

Inadvertent contact with eyes: rinse thoroughly with plenty of lukewarm water immediately; if irritation persists, consult ophthalmologist as a precautionary measure.

Inadvertent ingestion of larger amounts: do not induce vomiting. Rinse out mouth and drink about one to two glasses of water. Where appropriate, consult competent Poison Control Centre or doctor. In the case of babies/infants always inform the Poison Control Centre or doctor as a precautionary measure.

Discomfort on contact of product with skin: immediately wash off with water and soap; skincare. If skin irritation persists, consult doctor.

Intensive inhalation of aerosols: remove person affected to fresh air; if discomfort persists, consult Poison Control Centre or doctor. When consulting a doctor or a Poison Control Centre, always have packaging or label and possibly package insert available.

5. FIRE FIGHTING MEASURES

5.1. Extinguishing Media:

All common extinguishing agents are suitable.

5.2. Special Hazards:

None.

5.3. Advice For Firefighters:

None.

6. ACCIDENTAL RELEASE MEASURES

6.1. Release Measures:

This article does not contain hazardous substances or mixtures intended to be released under normal or reasonably foreseeable conditions of use. Bigger amounts should not be disposed to wastewater.

In the event of spillage/leakage: mop up main volume with cloths; when larger amounts are involved, dispose of cloths or mopping up material by controlled disposal risk. Remove rest with plenty of water and common cleaning agent. Packaging should be recycled after residual emptying. Filled, unused packages must be disposed of separately in accordance with the waste management directives of the municipality.

7. HANDLING AND STORAGE

7.1. Precautions Handling:

For more information see application sheet. Must be used in accordance with manufacturer's instructions. Observe any warnings on packaging. Keep away from eyes.

7.2. Precautions Storage:

Optimal storage temperature 15-25°C; store dry, well closed and lightprotected (short deviations are acceptable). Store separated from food and semi-luxuries. Avoid contamination and reseal container after use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters:

None.

8.2. Exposure Controls:

No Information Available.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Properties:

Appearance	Cream
Colour	white
Odour	characteristic
PH	(20°C): 6.5 - 7
Density	(20°C): 0,9500 – 1,1000 [g/ml]

10. STABILITY AND REACTIVITY

10.1. Reactivity:

Not known.

10.2. Chemical Stability:

The product is stable if used and stored as intended.

10.3. Possibility of Hazardous Reactions:

No hazardous reactions if used as intended.

10.4. Conditions to Avoid:

See section 7.

10.5. Incompatible Materials:

Not known.

10.6. Hazardous Decomposition Products:

No decomposition products if used as intended.

11. TOXICOLOGICAL INFORMATION

This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use . Additional information on toxicological endpoints is available from the supplier upon request.

12. ECOLOGICAL INFORMATION

The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices. Additional information is available from the supplier on request.

13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with federal, state/provincial and local regulations. Do not discharge product into natural waters without pretreatment or adequate dilution. After the emptying of residues the packaging can be given to the collection of recyclables.

14. TRANSPORT INFORMATION

Cosmetic- Not classified as dangerous good.

15. INFORMATION ABOUT REGULATION

Cosmetic product. To comply with Cosmetic Directive (EC) No 1223/2009.

16. OTHER INFORMATION

This datasheet completes the information given with the product but does not replace it. The information that it contains is based on our knowledge of the concerned product, at the given date. The indications are given in good faith. The attention of the user is drawn to the risks which are run when the product is employed for other uses than those for which it has been created. Follow conditions of use and any warnings on the product or packaging. For consultation in the event of poisoning, the Poison Control Centres have additional details about the individual products. When consulting a Poison Control Centre always keep packaging or label and possibly package insert available.