

SAFETY DATA SHEET

Perfect Nails Sanitising Solution Concentrate

SDS DATE: 01/09/2023

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Perfect Nails Sanitising Solution Concentrate
SYNONYMS: Nil
MANUFACTURER: Beautyworld Pty Ltd
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SECTION 2: HAZARDS IDENTIFICATION



Hazardous Nature

This product is classified as hazardous under GHS for Australian criteria

Hazardous Classification

Skin Corrosion/Irritation: 2; Serious eye damage/eye irritation:1; Sensitisation (skin) :1; Sensitisation (respiratory):1

Hazardous Statement

Danger

Hazard Statements

H315: Causes skin irritation

H317: May cause an allergic skin reaction

H318: Causes serious eye damage.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled

Precautionary Statements

P101: If medical advice is needed have product container or label at hand

P102: Keep out of reach of children

P103: Read carefully and follow all instructions

P261: Avoid breathing mist/vapours/spray

P264: Wash all exposed external body areas thoroughly after handling

P280 : Wear protective gloves

P284: In case of inadequate ventilation wear respiratory protection

P304+P340 : IF INHALED Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

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P310: Immediately call a Poison Information Centre (Ph 13 11 26) or a doctor.

P342 + P311 : If experiencing respiratory symptoms. Immediately call a Poison Information Centre (Ph 13 11 26) or a doctor

P501: Dispose of contents/container in accordance with local regulations

Dangerous Goods Classification No regulated

Poisons Schedule : Not regulated

SECTION 3: COMPOSITION

Ingredient	CAS	Percentage
Alcohols C12-14 ethoxylated	68439-50-9	0-6%
Benzalkonium chloride	8001-54-5	0-3%

Balance of formula non hazardous materials.

SECTION 4: FIRST AID MEASURES

For advice, contact Poisons Information Centre (Phone Australia: 13 1126) or a doctor.

Ingestion

If swallowed, DO NOT induce vomiting. Keep at rest. Seek immediate medical attention. If vomiting occurs lean patient forward or place on left side head down to maintain an open airway.

Eye Contact

Flush eyes with large amounts of water until irritation subsides. Seek immediate medical attention.

Remove contact lenses , if present, and easy to do.

Skin Contact

Flush area with large amounts of water and wash area with soap if available. Remove contaminated clothing, including shoes, and launder before reuse. Seek medical attention for skin irritations.

Inhalation

If inhaled remove patient from contaminated area. Keep at rest. Apply artificial respiration, if not breathing. Seel immediate medical attention.

First Aid facilities

Provide eye baths and safety showers.

Medical Attention

Treat according to symptoms. Avoid gastric lavage: risk of aspiration of product to the lungs with the potential to cause chemical pneumonitis. For exposures to quaternary ammonium compounds; For ingestion of concentrated solutions (10% or higher): Swallow promptly a large quantity of milk, egg whites / gelatin solution. If not readily available, a slurry of activated charcoal may be useful. Avoid alcohol. Because of probable mucosal damage omit gastric lavage and emetic drugs. For dilute solutions (2% or less): If little or no emesis appears spontaneously, administer syrup of Ipecac or perform gastric lavage. If hypotension becomes severe, institute measures against circulatory shock. If respiration laboured, administer oxygen and support breathing mechanically. Oropharyngeal airway may be inserted in absence of gag reflex. Epiglottic or laryngeal edema may necessitate a tracheotomy. Persistent convulsions may be controlled by cautious intravenous injection of diazepam or short-acting barbiturate drugs. [Gosselin et al, Clinical Toxicology of Commercial Products]

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SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media

No restrictions.

Hazards from combustion products

Carbon dioxide, nitrogen oxides, chlorides

Precautions for fire fighters and special protective equipment

Fully self-contained breathing apparatus, overalls, and safety boots

SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Prevent fluid from escaping to drains and waterways. Contain leaking packaging in a containment drum. Ensure that drain valves are closed at all times. Clean up and report spills immediately. Slippery when spilt.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Take off contaminated clothing and wash before reuse.

Spills may present a slip hazard. Clean up all spills promptly and dispose of waste according to local regulations.

Conditions for safe storage

Store in a cool, dry place away from direct sunlight.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards

None established.

Emergency Procedures

Biological limit values

None established.

Suggested limits from international sources: Benzalkonium chloride <0.01mg/m³,

Alcohols C12-14 ethoxylated <0.01mg/m³

Engineering Controls: Ventilation

The use of local exhaust ventilation is recommended.

Protective Equipment

Eye Protection: Always use safety glasses or a face shield when handling this product.

Skin/ Body Protection: Always wear long sleeves and long trousers or coveralls, and enclosed footwear or safety boots when handling this product. It is recommended that chemical resistant gloves (e.g. PVC) be worn when handling this product.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Unit of Measurement	Value
Appearance	Visual	Mobile yellow liquid
Boiling Point/ Range	°C	From 100
Flash Point	°C	Not determined
Density @ 15°C	g/ml	1.0
Vapour Pressure @ 20°C	mmHg	Not established
Explosive Limits (LEL - UEL)	%	Not established
Vapour Density @ 20°C	kPa	Not available
Ph	(as concentrate)	7.5
Volatile components	%	80-92
Solubility with Water	% w/w	Miscible

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability

Stable at room temperature and pressure

Hazardous decomposition products

Carbon and nitrogen oxides, chlorides on burning

Hazardous Polymerisation

Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Effects

Ingestion

May be fatal if swallowed and enters airways..

Eye Contact

Liquid may cause moderate to severe eye irritation and corneal damage.

Skin Contact

Brief contact may cause mild irritation. Prolonged or repeated exposure may cause skin sensitization.

Inhalation

Not normally a hazard due to non-volatile nature of product

Chronic Effects

Repeated or prolonged skin contact with the liquid may cause irritant contact dermatitis.

Other Health Effects Information

Aspiration may cause pulmonary edema and pneumonitis.

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SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic organisms. Do NOT discharge into sewer or waterways.

Alcohols C12-14 ethoxylated:

EC50 – 72hrs – Algae /other aquatic plants @ 0.044mg/L

EC50- 48hrs – Crustacea @ 0.125mg/L

LC50 – 96hrs – Fish @ 0.423mg/L

Benzalkonium chloride:

EC50 – 72hrs – Algae/other aquatic plants @ 0.056mg/L

EC50 – 48hrs – Crustacea @ 0.02mg/L

LC50 – 96hrs – Fish @ 0.31mg/L

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Methods

Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities. Ensure that empty packaging is allowed to dry.

Special Precautions for Landfill or Incineration

This product is NOT suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. .

SECTION 14: TRANSPORT INFORMATION

Not regulated for shipping.

SECTION 15: REGULATORY INFORMATION

Country/ Region: Australia

Inventory: AICS

Status: Listed

Poisons Schedule: Not regulated

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SECTION 16: OTHER INFORMATION

References:

Supplier SDS

<http://chem.sis.nlm.nih.gov/chemidplus>

<http://hsis.ascc.gov.au/SearchHS.aspx>

Supplier data sheets

Ecotoxicology data: http://cfpub.epa.gov/ecotox/quick_query.htm

Sax's Dangerous Properties of Industrial Materials, Richard J. Lewis Snr., pub. Canada (2000)

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact Beautyworld Pty Ltd.
