

SAFETY DATA SHEET

Perfect Nails Polish Drying Drops/Spray

SDS DATE:01/08/2019

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Perfect Nails Polish Drying Drops/Spray
SYNONYMS: n heptane solution
MANUFACTURER: Beautyworld Pty Ltd
ADDRESS: Unit 2 /33-35 Lundberg Dr, Murwillumbah, NSW, 2484 Australia
PHONE: 1300 739893 (Business Hours)
AFTER HOURS: 0414362966
FAX PHONE: 02 66 725265
EMAIL: info@beautyworld.com.au
WEB: www.beautyworld.com.au
CHEMICAL NAME: Mixture
CHEMICAL FAMILY: Alkanes
PRODUCT USE: Polish dryer

SECTION 2: HAZARDS IDENTIFICATION



Hazardous Nature

This product is classified as hazardous under GHS for Australian criteria

Hazardous Classification

Flammable Liquids: 2; Skin Irritation : 2, Aspiration hazard: 1, Specific target organ systemic toxicity single exposure central nervous system : 3

Hazardous Statement

Highly Flammable liquid and vapour

Hazard Statements

H225: Highly flammable liquid and vapour

H304: May be fatal if swallowed and enters airways

H315: Causes skin irritation.

H336: May cause drowsiness or dizziness

Precautionary Statements

P102: Keep out of reach of children.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P307+311: If exposed call a Poison Information Centre (Ph 13 11 26) or a doctor.

P243: Take precautionary measures against static discharge.

P242: Use only non sparking tools.

P264: Wash skin thoroughly after handling.

P280: Wear protective gloves/ eye protection/ face protection

Response

P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

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SECTION 2: HAZARDS IDENTIFICATION (Contd)

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312: Call a POISON CENTER (Ph 13 11 26)or doctor/ physician if you feel unwell.

P332 + P313: If skin irritation occurs: Get medical advice/ attention.

P362: Take off contaminated clothing and wash before reuse.

P370 + P378: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage and Disposal:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

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

Dangerous Goods Classification 3

Poisons Schedule 5

SECTION 3: COMPOSITION

Ingredient	CAS	Percentage
N heptane	142-82-5	60-90%

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.

Eye Contact

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

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

Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Seek 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

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SECTION 5: FIRE-FIGHTING MEASURES

Shut off product that may 'fuel' a fire if safe to do so. Allow trained personnel to attend a fire in progress, providing firefighters with this Safety Data Sheet. Prevent extinguishing media from escaping to drains and waterways.

Suitable extinguishing media

Water fog or fine spray mist, Dry chemical, CO₂, Foam

Unsuitable extinguishing media

Water jet

Hazards from combustion products

Carbon dioxide, carbon monoxide, Hydrogen gas

Precautions for fire fighters and special protective equipment

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

Hazchem Code: •2YE

SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedures

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

Emergency Procedures

Methods and materials for containment

Major Land Spill

- Eliminate sources of ignition.
- Warn occupants of downwind areas of possible fire and explosion hazard.
- Prevent liquid from entering sewers, watercourses, or low-lying areas.
 - Keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation.
- Take measures to minimise the effect on the ground water.
- Contain the spilled liquid with sand or earth.
- Recover by pumping - use explosion proof pump or hand pump - or with a suitable absorbent material.
 - Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See "First Aid Measures" and "Stability and Reactivity"

Major Water Spill

- Eliminate any sources of ignition.
- Warn occupants and shipping in downwind areas of possible fire and explosion hazard.
 - Notify the port or relevant authority and keep the public away from the area.
 - Shut off the source of the spill if possible and safe to do so.
- Confine the spill if possible.
- Remove the product from the surface by skimming or with suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See "First Aid Measures" and "Stability and Reactivity".

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SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

This product is Flammable. Do not open near open flame, sources of heat or ignition. No smoking. Keep container closed. Handle containers with care. Open slowly to control possible pressure release. Material will accumulate static charge. Use grounding leads to avoid discharge (electrical spark).

Conditions for safe storage

Store in a cool, dry place away from direct sunlight. Do not pressurise, cut, heat or weld containers - residual vapours are combustible. This product will fuel a fire in progress.

Incompatible materials

None specified.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards

The time weighted average concentration (TWA) for this product is: 16400mg/m³ (400 ppm), which means the highest allowable exposure concentration in an eight-hour day for a five-day working week. The short-term exposure limit (STEL) is: 2050 mg/m³ (500 ppm), which is the maximum allowable exposure concentration at any time.

Emergency Procedures

Biological limit values

None established

Engineering Controls: Ventilation

The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces. Use explosion-proof ventilation equipment.

Personal Protective Equipment

Respiratory Protection: Where concentrations in air may exceed the limits described in the National Exposure Standards, it is recommended to use a half-face filter mask to protect from overexposure by inhalation. A type "A" filter material is considered suitable for this product.

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	Clear Liquid
Boiling Point/ Range	°C	From 98
Flash Point	°C	-4 (n heptane)
Density @ 15°C	g/ml	Not established
Vapour Pressure @ 16°C	mmHg	36
Explosive Limits (LEL - UEL)	%	1-7
Vapour Density @ 20°C	kPa	1.59
Autoignition Temperature	°C	>200
Viscosity @ 20°C	cSt	Not available
Percent Volatiles	%	>80
Solubility with Water	% w/w	Negligible

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability

Stable at room temperature and pressure

Conditions to avoid

Sources of heat and ignition, open flames.

Strong oxidizing agents

Hazardous decomposition products

Carbon oxides on burning, organic complexes during incomplete combustion.

Hazardous reactions

None specified.

Hazardous Polymerisation

Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Effects

Ingestion

If swallowed, will cause harmful central nervous system effects. Symptoms include excitation, euphoria, headache, dizziness, drowsiness, blurred vision, fatigue, tremors, convulsions, loss of consciousness, coma, respiratory arrest, and death. Aspiration to the lungs may cause chemical pneumonitis.

Eye Contact

Vapours may irritate the eyes. Liquids and mists may severely irritate or damage the eyes..

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SECTION 11: TOXICOLOGICAL INFORMATION Cont

Skin Contact

Moderately irritating to the skin. Brief contact may cause redness. Repeated or prolonged contact may lead to dermatitis with redness, itching, swelling and possible secondary infection. A small proportion of the population may develop an allergic skin reaction.

Inhalation

Moderately irritating to respiratory tract and mucous membranes. Inhalation of the vapour may result in headache, nausea and vomiting. High concentrations may cause central nervous system depression - symptoms outlined in 'Ingestion'.

Chronic Effects

Chronic intoxication by swallowing or repeated inhalation, may cause degenerative changes in the liver, kidneys, hair, gastrointestinal tract and heart muscle. The combination of this product and Toluene produce potentiated (greatly increased) health effects. These symptoms can be found in 'Ingestion' and 'Inhalation'.

Other Health Effects Information

Persons with pre-existing liver impairment, skin and respiratory disorders may be at an increased risk from exposure.

Toxicological Information

Oral LD50: Rat: > 5,000 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Toxicity to fish n-Heptane : LL50: 1.284 mg/l Exposure time: 96 h Species: Oncorhynchus mykiss (rainbow trout) Method: QSAR LC50: 375 mg/l Exposure time: 96 h Species: Tilapia mosambica (Fish)

Toxicity to daphnia and other aquatic invertebrates n-Heptane : EC50: 1.5 mg/l Exposure time: 48 h Species: Daphnia magna (Water flea) static test Toxic to aquatic organisms. LC50: 0.1 mg/l Exposure time: 96 h Species: Mysidopsis bahia (mysid shrimp) semi-static test Very toxic to aquatic organisms

Toxicity to algae n-Heptane : EL50: 4.338 mg/l Exposure time: 72 h Species: Pseudokirchneriella subcapitata (microalgae) Method: QSAR

Persistence/ degradability

This product can degrade rapidly on exposure to air and light.

Mobility

This product is mobile on dilution, risking contamination of waterways, grasslands and soils.

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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. Packaging may still contain fumes and vapours that are flammable and harmful. 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. This product is ashless and can be burned directly in appropriate equipment.

SECTION 14: TRANSPORT INFORMATION

Road & Rail		Maritime		Air	
UN Number	1993	UN Number	1993	UN Number	1993
Proper Shipping name	Flammable Liquid NOS (n heptane, polydimethylsiloxane)	Proper Shipping name	Flammable Liquid NOS (n heptane, polydimethylsiloxane)	Proper Shipping name	Flammable Liquid NOS (n heptane, polydimethylsiloxane)
DG Class	3	DG Class	3	DG Class	3
Sub Risk	None	Sub Risk	None	Sub Risk	None
Packing group	II	Packing group	II	Packing group	II
Hazchem	2YE	Hazchem	2YE	Hazchem	2YE

Dangerous Goods Segregation

This product is classed as Dangerous Goods Class 3, packing group II. Please consult the Australian Dangerous Goods Code for Transport by Road and Rail for information.

SECTION 15: REGULATORY INFORMATION

Country/ Region: Australia

Inventory: AICS

Status: Listed

Poisons Schedule: 5

SECTION 16: OTHER INFORMATION

References:

Supplier SDS

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

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

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.