

PRODUCT SAFETY INFORMATION SHEET

THE DEHYDRATOR

IMPORTANT DOCUMENT STATUS

This Product Safety Information Sheet has been prepared by Tayla-Made Nail Co from safety information supplied with the product by the manufacturer. It has not been independently prepared, tested, certified or issued by an accredited laboratory, toxicologist or SDS author. It is provided as a practical customer safety reference and should not be represented as an independently certified or professionally authored SDS.

1. Product identification

Product name	The Dehydrator
Product type	Solvent-based nail preparation product
Product use	Pre-cleaning/dehydrating the natural nail to remove surface oil and grease before subsequent nail products

2. Ingredient information

Chemical component	CAS No.	Concentration (WT%)
Ethyl Acetate	141-78-6	95.5%
Isopropyl Alcohol	67-63-0	4.0%
Aroma / fragrance	Not specified	0.5%

3. Hazard identification

WARNING: HARMFUL IF SWALLOWED, ABSORBED THROUGH SKIN OR INHALED. DO NOT SPRAY. DO NOT HEAT. MAY CAUSE ALLERGIC SKIN REACTION. CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

Relevant routes of exposure: Skin, inhalation and eyes.

Skin contact: Contact with skin will cause irritation.

Eye contact: Contact with eyes will cause irritation.

Physical state: Liquid. Colour: Colorless to light yellow transparent liquid. Odour: Citronellol. Health: 1*. Flammability: Class III. Physical Hazard: 1.

4. What to do in an emergency / first aid

Inhalation: Remove to fresh air. If symptoms develop and persist, get medical attention.

Skin contact: Immediately flush skin with plenty of water, using soap if available. Remove contaminated clothing and shoes. Wash clothing before reuse. Get immediate medical attention if symptoms occur.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

Ingestion: Seek medical attention immediately.

5. Fire-fighting measures

Flash point: -4°C. Autoignition temperature: 426.7°C. Flammable/explosive limits: Lower 2%; Upper 11.5%.

Extinguishing media stated by supplier: Foam, dry chemical, carbon dioxide or sand. Supplier MSDS states not to use water for fire extinguishing.

Special fire-fighting procedures: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Unusual fire/explosion hazard: Supplier MSDS states uncontrolled polymerisation may occur at high temperatures, resulting in explosions or rupture of storage containers.

Hazardous combustion products: Oxides of carbon, oxides of nitrogen, irritating organic vapours and toxic fumes.

6. Accidental release measures

Remove sources of ignition. Prevent product from entering drains or open waters.

Before clean-up, refer to Section 8. Soak up with inert absorbent and store in a partly filled, closed container until disposal.

7. Safe handling and storage - what NOT to do

- Do not allow contact with eyes, skin or clothing.
- Do not breathe vapour or mist.
- Do not heat or spray.
- Do not use without adequate ventilation.
- Do not expose to heat, sparks or open flame.
- Do not leave the container open when not in use.

Storage: Store sealed at or below 26°C (80°F). Keep in a cool, well-ventilated area away from heat, sparks and open flame. Keep the container tightly closed until ready for use.

8. Exposure controls / personal protection - what TO do

- Use appropriate local exhaust ventilation where general ventilation is not sufficient to control airborne contamination.
- Use impermeable gloves and protective clothing as necessary to prevent skin contact. The supplier MSDS specifically identifies neoprene gloves.
- Use safety goggles or safety glasses with side shields. Where there is a splash hazard, use chemical goggles together with a full face shield.
- Use respiratory protection where exposure limits may be exceeded or where the product is handled at elevated temperature or under mist-forming conditions, in accordance with applicable workplace requirements.
- Wash thoroughly after handling.

9. Physical and chemical properties

Physical state	Liquid
Colour	Colorless to light yellow transparent liquid
Odour	Citronellol
Saturated vapour pressure	10.1 kPa (20°C)
pH	7
Boiling point/range	76.6-77.5°C (169.88-177.5°F)
Melting point/range	Not available
Specific gravity	Not available
Vapour density	Not available
Evaporation rate	Not available
Solubility in water	Slight
Partition coefficient	Not available

10. Stability and reactivity

Stability: Stable under normal conditions of storage and use.

Hazardous polymerisation: Supplier states it may occur.

Hazardous decomposition products: Oxides of carbon, oxides of nitrogen, dimethylamine and irritating organic vapours.

Incompatibility: Strong acids, strong oxidising agents and bases.

Conditions to avoid: Heat, flames, sparks and other sources of ignition. Supplier MSDS states: Do not heat above 60°C (140°F).

11. Toxicological information

The supplier MSDS lists Ethyl Acetate, Isopropyl Alcohol and Aroma as **NO** under NTP Carcinogen, IARC Carcinogen and COSHA Carcinogen.

For each disclosed component, the supplier MSDS records **No Records** under Literature Referenced Target Organ & Other Health Effects. These statements report the supplier MSDS and are not an independent toxicological assessment.

12. Ecological information

Ecological information: Not available.

13. Disposal considerations

Information supplied relates to unused product only. The supplier MSDS states disposal should follow P.R.C., province and local governmental regulations. Customers should follow disposal requirements applicable in their own location. Supplier MSDS waste statement: Not a RCRA hazardous waste.

14. Transport information

UN number stated by supplier: ADR/RID 1090; IMDG 1090; IATA 1090.

Transport hazard class: ADR/RID 3; IMDG 3; IATA 3.

Packaging group: ADR/RID III; IMDG III; IATA III.

Environmental hazards: ADR/RID - no; IMDG Marine pollutant - no; IATA - no.

Special precautions for user: No data available.

15. Regulatory information

The supplier MSDS does not provide a separate detailed Australian regulatory assessment. This sheet does not add or infer one.

16. Other information and limitations

Users of breathing apparatus must be trained.

The information in this sheet has been transcribed and reorganised from the supplier's MSDS to make the safety information easier for Tayla-Made customers to use. Manufacturer-identifying information has been omitted from this customer copy.

The supplier MSDS contained a separate 'usage method' section describing adhesive-film formation and cross-linking. That section has not been reproduced in this customer Product Safety Information Sheet because it is not supported by the disclosed ingredient composition and appears inconsistent with the stated solvent-based formulation.

Where the supplier MSDS states that information is 'Not available', 'No Records' or 'No data available', this sheet retains that limitation rather than supplying or estimating missing data.

This sheet does not constitute independent laboratory testing, a cosmetic safety assessment, regulatory approval, or professional certification of the formulation. Before use, read the product label and follow appropriate professional nail-product handling and workplace safety procedures.

Customer safety summary: Highly volatile solvent-based product. Keep away from heat, sparks and flame. Use with adequate ventilation. Avoid skin and eye contact and do not inhale vapour or mist. Keep the bottle tightly closed and store at or below 26°C.