

# SAFETY DATA SHEET

Perfect Nails Brush On Activator

SDS DATE:22/10/2016

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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**PRODUCT NAME:** Perfect Nails Brush On Activator  
**SYNONYMS:** None  
**MANUFACTURER:** Beautyworld Pty Ltd  
**ADDRESS:** Unit 2 /33-35 Lundberg Dr, Murwillumbah, NSW, 2484 Australia  
**PHONE:** 1300 739893 ( Business Hours)  
**AFTER HOURS:** 0414362966  
**FAX :** 02 66 725265  
**EMAIL:** [info@beautyworld.com.au](mailto:info@beautyworld.com.au)  
**WEB:** [www.beautyworld.com.au](http://www.beautyworld.com.au)  
**CHEMICAL NAME:** Amine Solution  
**CHEMICAL FAMILY:** Amine  
**PRODUCT USE:** Activator for resins

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## SECTION 2: HAZARDS IDENTIFICATION

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### Hazardous Nature

This product is classified as hazardous under GHS for Australian criteria

### Hazardous Classification

Flammable Liquids: 2; Acute Toxicity: Oral 3; Acute Toxicity: Dermal 3; Acute Toxicity Inhalation 3; Eye Irritation 2; Skin Corrosion/Irritation:3

### Hazard Statements

H225: Highly flammable liquid and vapour  
AUH066: Repeated exposure may cause skin dryness or cracking  
H301: Toxic if swallowed  
H311: Toxic in contact with skin  
H315: Causes skin irritation  
H319: Causes serious eye irritation  
H320: Causes eye irritation  
H331: Toxic if inhaled  
H336: May cause drowsiness or dizziness

### Precautionary Statements

P102: Keep out of reach of children.  
P403+ 235: Store in a well ventilated place and keep cool.  
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233: Keep container tightly closed.  
P243: Take precautionary measures against static discharges.  
P242: Use only non sparking tools.  
P261 +271: Avoid breathing vapours and use in a well ventilated space.

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## SECTION 2: HAZARDS IDENTIFICATION (cont)

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P270: Do not eat, drink or smoke when using this product.

P264: Wash hands thoroughly after handling.

P262: Do not get in eyes, on skin or on clothing.

P280: Wear protective gloves and eye protection.

### Response and Disposal Statements

#### Poisons information – Australia wide Ph 13 11 26

P304+340+ 312: If inhaled remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a Poison Information Centre or doctor if you feel unwell.

P301+312+330: In swallowed call a Poison Information Centre or doctor if you feel unwell. Rinse mouth. Do NOT induce vomiting unless directed to do so.

P303+362+353+362 : If on skin remove contaminated clothing and wash skin with soap & water. Wash clothing before reuse.

P305+351+338+310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. Contact a Poisons Information Centre or doctor.

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

### Dangerous Goods Classification 3, Poisons Schedule 5

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## SECTION 3: COMPOSITION

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Ingredient	CAS	Percentage
Ethyl Acetate	141-78-6	30-60%
Acetone	67-64-1	30-60%
N, N Dimethyl -p – toluidine	99-97-8	≤2%

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## SECTION 4: FIRST AID MEASURES

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

### Ingestion

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Eye Contact

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 15 minutes. Get medical attention.

### Skin Contact

Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 15 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

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## SECTION 4: FIRST AID MEASURES ( cont)

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### Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for up to 48 hours.

### 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 .

Note to Physicians:

This product contains N,N-Dimethyl-p-Toluidine at a low concentration (Refer to Section 3). While complications from this component are not expected, absorption leads to formation of methemoglobin, which in sufficient concentration causes cyanosis. Symptoms may include headaches, weakness and dizziness, and can be recognized by the blue color of the lips, fingernails, nose and earlobes. Reversion of methemoglobin to hemoglobin occurs spontaneously after termination of exposure, moderate degree of cyanosis need to be treated only by supportive measures such as bed rest and oxygen inhalation. Thorough cleansing of the entire contaminated area of the body is of utmost importance. If cyanosis is severe, intravenous injection of methylene blue, 1-2 mg/kg body weight over a 5-minute period as a 1 % solution may be of value. If elevated methemoglobin persists after an hour, the treatment may be repeated, but the total dose should not exceed 7-mg/kg body weight. Cyanocobalmin (Vitamin B-12), 1 mg intramuscularly is reported to speed recovery. Intravenous fluids and blood transfusions may be indicated in very severe exposures.

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## SECTION 5: FIRE-FIGHTING MEASURES

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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

Use dry chemical, CO<sub>2</sub> , water spray (fog) or foam. Do NOT use water jet

### Hazards from combustion products

Oxides of carbon and nitrogen

### Precautions for fire fighters and special protective equipment

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

**Hazchem Code:** •3YE

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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### 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.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES (cont)

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### Emergency Procedures

#### Methods and materials for containment

##### Small Spill

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

##### 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

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### Precautions for safe handling

This product is highly flammable. Do not open near open flame, sources of heat or ignition. No smoking. Keep container tightly closed. Handle containers with care. Open slowly to control possible pressure release. Material may 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.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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### National Exposure Standards

Ethyl acetate: TWA 720mg/m<sup>3</sup> ( 200ppm), STEL 1440mg/m<sup>3</sup> ( 400ppm)

Acetone: TWA 1185 mg/m<sup>3</sup> (500 ppm). STEL 2375mg/m<sup>3</sup> ( 1000ppm)

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (cont)

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The time weighted average concentration (TWA) is the highest allowable exposure concentration in an eight-hour day for a five-day working week. The short-term exposure limit (STEL) is the maximum allowable exposure concentration at any time.

### Personal Protective Equipment

**Respiratory Protection:** It is suggested that this product is used with a recognized ventilation system that is routinely maintained in order to minimize exposure to vapours. Such equipment should be fitted with explosion proof 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

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Property	Unit of Measurement	Value
Appearance	Visual	Clear, colourless liquid
Boiling Point/ Range	°C	56 ( Acetone)
Flash Point	°C	-17
Density @ 15°C	g/ml	Not determined
Vapour Pressure @ 20°C	mmHg	180 ( Acetone)
Explosive Limits (LEL - UEL)	%	Not determined
Vapour Density @ 20°C	kPa	2 ( Air =1 )
Autoignition Temperature	°C	No Data
Viscosity @ 20°C	mPa.s	No Data
Percent Volatiles	%	>75
Solubility with Water	% w/w	Not determined

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## SECTION 10: STABILITY AND REACTIVITY

### Chemical Stability

Stable at room temperature and pressure.

### Conditions to avoid

Sources of heat and ignition, open flames. Keep container tightly closed as vapours may accumulate in low and/or confined areas.

### Hazardous decomposition products

Carbon and nitrogen oxides on burning

### Hazardous reactions

Strong oxidising agents.

### Hazardous Polymerisation

Will not occur.

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## SECTION 11: TOXICOLOGICAL INFORMATION

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No data for the product, but data for individual components as per below.

### Toxicological Information

Ethyl acetate : Oral LD<sub>50</sub>: 5.62g/kg (rat);

Acetone: Oral LD<sub>50</sub>: Oral: 5.8 - 8.4 g/kg (rat); dermal: 20 g/kg (rabbit).

Acetone :Dermal TC<sub>Lo</sub>: Inhalation: LC<sub>50</sub>: 32000 ppm for 4 hours (rat)

N, N dimethyl-p-toluidine : Oral LD<sub>50</sub> 98mg/kg (rat) Inhalation LC<sub>50</sub> 1.4g/m<sup>3</sup>, 4hrs (rat)

### Acute Effects

#### Ingestion

This material will cause irritation to the throat, trachea and respiratory tract. It may cause nausea. Vomiting may cause the product to be aspirated to the lungs resulting in chemical pneumonitis. Large doses may lead to cyanosis. See note to physicians Section 4.

#### Eye Contact

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

#### Skin Contact

Adverse symptoms may include the following:redness & irritation. Sensitisation may occur so that subsequent exposures result in more pronounced allergic reactions.

#### Inhalation

Adverse symptoms may include the following: respiratory tract irritation, coughing. See note to physicians Section 4

#### Chronic Effects

Repeated or prolonged skin contact with the liquid may cause irritant contact dermatitis with subsequent reactions becoming more pronounced. There are no known significant effects or hazards relating to carcinogenicity, mutagenicity, teratogenicity, developmental effects or effects on fertility with this product.

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## SECTION 12: ECOLOGICAL INFORMATION

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No data for this product but data for individual components listed below

### Ecotoxicity

#### Aquatic Toxicity

ethyl acetate: Acute EC50 2500000 µg/l Fresh water Algae - Selenastrum sp. 96 hours

Acute LC50 750000 µg/l Fresh water Crustaceans - Gammarus pulex 48 hours

Acute LC50 154000 µg/l Fresh water Daphnia - Daphnia cucullata 48 hours

Acute LC50 212500 µg/l Fresh water Fish - Heteropneustes fossilis 96 hours

Chronic NOEC 2400 µg/l Fresh water Daphnia - Daphnia magna 21 days

Chronic NOEC 75.6 mg/l Fresh water Fish - Pimephales promelas – Embryo 32 days

#### Persistence/ degradability

Ethyl acetate LogP<sub>ow</sub> = 0.68. Low potential for bioaccumulation.

#### Mobility

High mobility in soil and water.

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## SECTION 13: DISPOSAL CONSIDERATIONS

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### 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.

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## SECTION 14: TRANSPORT INFORMATION

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Road & Rail		Maritime		Air	
UN Number	1993	UN Number	1993	UN Number	1993
Proper Shipping name	Flammable Liquid NOS (ethyl acetate, acetone)	Proper Shipping name	Flammable Liquid NOS (ethyl acetate, acetone)	Proper Shipping name	Flammable Liquid NOS (ethyl acetate, acetone)
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	3YE	Hazchem	3YE	Hazchem	3YE

### 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.

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## SECTION 15: REGULATORY INFORMATION

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**Country/ Region:** Australia

**Inventory:** AICS

**Status:** Listed

**Poisons Schedule:** 5

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## SECTION 16: OTHER INFORMATION

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### References:

#### Supplier SDS

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

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

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.

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