

**HiChem Paint Technologies Pty.Ltd.**

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**Product Use:** HICHEM Nail Polish Remover (Non Acetone) is used for the removal of coating on human finger nails.

**HAZARD IDENTIFICATION**

The product is classified as **Dangerous Goods** and **Non - Hazardous Substance** in accordance to SAFE WORK AUSTRALIA {HSIS} and GLOBALLY HARMONISED SYSTEM {GHS} criteria.

**GHS requirements.**

Classification of the substance or mixture

Flammable liquids – (Category 2)

**DANGER**

H 225

Highly

Flammable Liquid  
and Vapour**PRECAUTIONARY REQUIREMENTS****General Requirements**

P 102            Keep out of reach of children.

**Prevention**P 210            Keep away from heat sources and naked flames and ignition sources. **NO SMOKING**P 233 + P 234    Keep original containers tightly closed when not in use and stored in a well ventilated  
+ P 410            area away from heat and sunlight.

The following Risk and Safety Phrases have been allocated for this product in accordance with SAFE WORK AUSTRALIA requirements. The Australian Dangerous Goods Code included.

**Risk Phrases R**

11                Highly Flammable Liquid.

67                Vapours may cause headaches, drowsiness and dizziness.

**Safety Phrases S**

2                 Keep out of reach of children

7/9              Keep containers tightly closed when not in use.

15/16            Keep away from heat and sources of ignition.

20/21            When using, do not eat, drink or smoke.

23.3             Do not breathe the vapours.

25                Avoid contact with the eyes.

45                In case of accident, or if you feel unwell, seek medical advice immediately. Show the label where possible.

**ADG Classification SUSMP** FLAMMABLE LIQUID, NOT OTHERWISE SPECIFIED – UN 1993, Class 3, HAZCHEM 3[Y]E, Packing Group II, Initial Emergency Response Guide 14. Classified as a Schedule S 5 poison.

### IDENTIFICATION of the SUBSTANCE(S) and COMPOSITION

<i>Product Name</i>	NAIL POLISH REMOVER (NON ACETONE)		<i>Code</i>
<i>Ingredients</i>	<i>Name</i>	<i>CAS Number</i>	<i>Proportion w/w</i>
	Ethyl Alcohol	64 – 17 – 5	30 – <60.0 %
	Ethyl Acetate	141 – 78 – 6	30 – <60.0 %
	Water	7732 – 18 – 5	1.0 – <10.0 %

### FIRST AID MEASURES

<b><i>Inhalation</i></b>	If the applicator feels drowsy, dizzy, tired or experiencing headaches, remove oneself away from the contaminated area to the fresh air.
<b><i>Ingestion</i></b>	If swallow, give water to drink. <b>DO NOT</b> induced vomiting; seek URGENT medical attention if frothing from the mouth occurs.
<b><i>Eyes</i></b>	If splashed into eyes, hold eyelids apart, and flush the eyes continuously with running for at least 15 minutes. Continue flushing until advised by a doctor.
<b><i>Skin and Hair</i></b>	If on hair contact occurs, wash thoroughly with soap and plenty of water.
<b><i>First Aid Facilities</i></b>	Clean Water Supply and eye washing facilities, and barrier cream.
<b><i>Advice to Doctor</i></b>	If poisoning occurs, consult with the Poisons Information Centre {Telephone <b>13 11 26</b> }.



### FIRE FIGHTING MEASURES

<b><i>Extinguishing Media and Requirements</i></b>	Carbon Dioxide {CO <sub>2</sub> }, alcohol resistant foam, dry chemical or water spray. <b>DO NOT</b> use water jets. Bund area with sand to prevent run – off entering waterways, sewage and drains.
<b><i>Hazardous Decomposition Products</i></b>	On heating, containers may rupture and explode: contents may burn rapidly forming soot and smoke, above the boiling point
<b><i>Flammability</i></b>	Highly Flammable Liquid. Flash Point = - 4 ° C
<b><i>Specific Hazards</i></b>	Vapours may form explosive/air mixtures.
<b><i>Precautions in connection with Fire</i></b>	Fire – fighters should wear Chemical Splash Suit with attached Self – Contained Breathing Apparatus and gloves. Evacuate all non fire–fighting personnel away from the area. Turn off all electricity and power supplies. Keep containers cool with water spray or water to prevent rupture or burning. Move away all packages and equipment from the direction of the fire, if safe to do so. Keep upwind.



**ACCIDENTAL RELEASE MEASURES**

**Spills and Leaks Disposal** Wash all spills and leaks with excess water. Residues may be washed away with water, since the product is non – hazardous to the environment. No special disposal requirements are required. For any queries consult the Local Statutory Authorities.

**Other Precautions** Ensure there is adequate ventilation at all times during the cleaning up period.



**HANDLING and STORAGE**

**Precautions for Safe Handling** Highly Flammable Liquid. Remove all sources of ignition and heat. Ensure there is adequate ventilation at all times. After use, before eating, drinking or smoking, wash the contaminated hair with soap and water.

**Conditions of Safe Storage** Containers must be clearly labelled, rigid and strong. Store upright in a cool, dry, well ventilated area from heat, ignition sources and direct sunlight

**EXPOSURE CONTROLS**

**Exposure Standards MAK** Ethyl Acetate = 1500 mg/m<sup>3</sup>. Ethyl Alcohol = 960 mg/m<sup>3</sup>

**Exposure Standards STEL** No data available

**Biological Limited Values** There are no known Biological Limited Values have been assigned.

**Engineering Controls** Use in a well ventilated area away from heat sources.

**PERSONAL PROTECTION**

**Inhalation AS –NZA 1715/16** The wearing of an Organic Vapour Respirator is recommended to be worn.

**Eye AS –NZA 1337** The wearing of safety glasses fitted with side shields is recommended to be worn. Avoid the wearing of contact lenses.

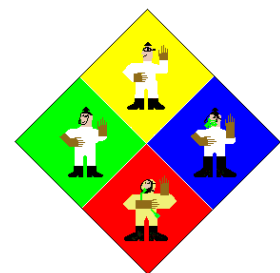
**Gloves AS –NZA 2161** Not required since the product is used for the removal of coatings from human fingernails.

**Footwear AS –NZA 2210** Not required.

**Clothing AS –NZA 2919** Not required

**Hearing AS –NZA 1270** Not required.

**Other Requirements** Avoid contact with eyes. Avoid inhaling vapours.



### **PHYSICAL – CHEMICAL PROPERTIES**

<b>Appearance</b>	A colourless liquid with a pleasant sweet odour.	
<b>pH</b>	Not required.	
<b>Vapour Pressure</b> <i>(Butyl Acetate = 1)</i>	Greater than 1	
<b>Boiling Point °C</b>	78– 100 ° C	
<b>Density</b>	0.86 {calculated value}	
<b>Solubility in water</b>	Miscible	
<b>Flash Point °C</b>	- 4 ° C (literature value)	
<b>Flammability Limits</b>	Lower Explosive Limit = 2.1	Upper Explosive Limit = 15.0
<b>Auto Ignition °C</b>	460 ° C (literature value)	
<b>Volatile Organic Compounds VOC</b>	79 % weight/volume	
<b>Volatile Components</b>	Ethyl Alcohol, Ethyl Acetate.	

### **STABILITY and REACTIVITY**

<b>Chemical Stability</b>	Stable under normal conditions of use.
<b>Conditions to avoid</b>	Avoid contact with heat and all ignition sources.
<b>Hazardous decomposition products</b>	On heating, containers may rupture and explode: contents may burn rapidly forming soot and smoke.
<b>Incompatible materials</b>	Incompatible with strong oxidizing agents
<b>Hazardous Reactions</b>	Will not polymerize.

### **TOXICOLOGICAL INFORMATION**

<i>Health Effects</i>	<i>Risk Phrase</i>	<i>Ethyl Acetate</i>	<i>Ethyl Alcohol</i>
Inhalation	20	20 mgm/L.	20 mgm/L.
LC <sub>50</sub> rat			
Dermal	21	4500	20000
LD <sub>50</sub> rabbit		mgm/kg	mgm/kg
Oral	22	5600	6200
LD <sub>50</sub> rat		mgm/kg	mgm/kg

Acute Oral Toxicity rat	Low toxicity.
Acute Dermal Toxicity rabbit	Low toxicity.
Acute Inhalation Toxicity rat	Low toxicity. High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea; continued inhalation may result in unconsciousness and/or death.

**TOXICOLOGICAL INFORMATION (CONTINUED)**

**Health Effects**

Inhalation	The inhalation of vapours may cause central nervous system depression resulting in headaches, dizziness, nausea, loss of co-ordination, impaired judgement. Vapours may cause headaches, drowsiness and dizziness
Ingestion	Large quantities may cause nausea and vomiting.
Eyes	May irritate to the eyes, including burning sensation, redness, swelling and/or blurred vision. Also, may cause decreased in colour perception.
Skin	Not known
Carcinogenic	Not carcinogenic in animal studies.
Mutagenic	Not mutagenic in animal studies
Reproductive	No data available.
Toxicity	

**ECOLOGICAL INFORMATION**

<b>Environment</b>	May be harmful to aquatic organisms, may cause long term adverse effects to the aquatic environment
<b>Persistence/ Degradability</b>	No data available.
<b>Mobility</b>	No data available
<b>Environment Protection</b>	Not Known



**DISPOSAL CONSIDERATIONS**

Wash away all residues with excess water. Do not incinerate empty containers after use. Dampen all unwanted cloths and rags in water prior to disposal. Do not recycle contents.

**TRANSPORT INFORMATION**

<b>UN number</b>	1993		
<b>Proper Shipping Name</b>	FLAMMABLE LIQUID, N.O.S. – miscible in water.		
<b>Class</b>	3	<b>Subsidiary Risk</b>	Not Required
<b>Packing Group</b>	II	<b>Initial Emergency Response Guide</b>	14
<b>Emergency Procedures</b>	EP 3300		
<b>HAZCHEM</b>	3[ <input checked="" type="checkbox"/> ]E		
<b>IMDG</b>	Not Known		



### **REGULATORY INFORMATION**

**Regulatory  
Information and  
Hazard Category  
SUSMP  
Classification**

The product is not classified as Hazardous Substance in accordance to SAFE WORK AUSTRALIA {HSIS} and Globally Harmonised System..

Classified as a Schedule S 5 Poison.

### **OTHER INFORMATION**

**Emergency  
Contact  
Disclaimer**

**Poisons Information Centre 13 11 26**

**HiChem Paint Technologies  
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