



# VI-JON<sup>®</sup> Safety Data Sheet

for Health and Beauty Products

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Ethyl Acetate Nail Polish Remover  
**Item Number:** 3Z6AD  
**Recommended Use:** Nail Polish Remover  
**Supplier Address:** Vi-Jon, Inc. **NOT FOR SALE IN CALIFORNIA**  
8515 Page Avenue  
Saint Louis, MO 63114

**General Information Contact:** Phone: 314-427-1000 (M-F 8am-4pm CST)  
Email: info@vijon.com

**In Case of Spill Emergency Contact:** Chemtrec: 1-800-424-9300 (24-Hour)

## 2. HAZARDS IDENTIFICATION FOR INDUSTRIAL SETTING

### WARNING!

#### Emergency Overview

FLAMMABLE LIQUID AND VAPOR  
Irritating to eyes  
Vapors may be irritating to eyes, nose, throat, and lungs  
May cause central nervous system depression

**Appearance:** Clear, Pink, Water-thin liquid      **Physical State:** Water-thin liquid      **Odor:** Sweet

### Potential Health Effects

**Primary Routes of Exposure** Skin contact. Inhalation.

**Acute Toxicity**

- Eyes** Irritating to eyes.
- Skin** Repeated exposure may cause skin dryness or cracking.
- Inhalation** May cause irritation of respiratory tract. May cause central nervous system depression with nausea, headache, dizziness, vomiting, and loss of coordination.
- Ingestion** Not an expected route of exposure. Ingestion may cause irritation to mucous membranes.

**Chronic Effects** Avoid repeated exposure.

**Aggravated Medical Conditions** Central nervous system. Pre-existing eye disorders. Skin disorders. Respiratory disorders.

**Interactions with Other Chemicals** None known.

**Environmental Hazard** See Section 12 for additional Ecological Information.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Ethyl Acetate	141-78-6	10-50
Alcohol	64-17-5	10-50
Water	7732-18-5	10-50
Propylene Carbonate	108-32-7	0-10
Dimethyl Glutarate	1119-40-0	0-10
Diethyl Succinate	123-25-1	0-10
Dimethyl Adipate	627-93-0	0-10
Glycerin	56-81-5	0-10
Gelatin	9000-70-8	0-10
Fragrance	N/A	0-10
Isopropyl Alcohol	67-63-0	0-10
Benzophenone-1	131-56-6	0-10
Castor Oil	627-83-8	0-10
Denatonium Benzoate	3734-33-6	0-10
D&C Red No. 17	85-86-9	0-10
D&C Yellow No. 11	83-08-9	0-10
Sodium Acetate	127-09-3	0-10

### 4. FIRST AID MEASURES

<b>Eye Contact</b>	In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes. If symptoms persist, call a physician.
<b>Skin Contact</b>	Wash skin with soap and water. Remove and wash contaminated clothing before re-use. If symptoms persist, call a physician.
<b>Inhalation</b>	Move to fresh air. Apply artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult. If symptoms persist, call a physician.
<b>Ingestion</b>	Rinse mouth. Drink plenty of water. Do NOT induce vomiting. Consult a physician.
<b>Notes to Physician</b>	Treat symptomatically.
<b>Protection of First-aiders</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Remove all sources of ignition.

## 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames. Highly flammable liquid and vapor.
<b>Flash Point</b>	23C / 73F
<b>Suitable Extinguishing Media</b>	Use extinguishing agent suitable for type of surrounding fire. Dry chemical or CO <sub>2</sub> . Water spray or alcohol-resistant foam.
<b>Uniform Fire Code</b>	<ul style="list-style-type: none"><li>• Irritant: Liquid</li><li>• Flammable Liquid: I-C</li></ul>
<b>Unsuitable Extinguishing Media</b>	CAUTION: All these products have a very low flash point. Use of water spray when fighting fire may be inefficient. Do not use a solid water stream as it may scatter and spread fire.
<b>Hazardous Combustion Products</b>	Carbon oxides.
<b>Explosion Data</b>	
<b>Sensitivity to Mechanical Impact</b>	No.
<b>Specific Hazards Arising from the Chemical</b>	Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard.
<b>Sensitivity to Static Discharge</b>	Yes.
<b>Protective Equipment and Precautions for Firefighters</b>	
Move containers from fire area if you can do it without risk. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.	
<b>NFPA</b>	<b>Health Hazard 2      Flammability 3      Stability 0      Physical and Chemical Hazards - None</b>

## 6. ACCIDENTAL RELEASE MEASURES FOR INDUSTRIAL SETTING

<b>Personal Precautions</b>	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch or walk through spilled material. Stop leak if you can do it without risk. Avoid contact with skin, eyes and clothing. Use personal protective equipment.
<b>Environmental Precautions</b>	Refer to protective measures listed in Sections 7 and 8.
<b>Methods for Containment</b>	A vapor suppressing foam may be used to reduce vapors.
<b>Methods for Cleaning Up</b>	Damp up. Cover liquid spill with sand, earth or other noncombustible absorbent material. Pick up and transfer to properly labeled containers. Use clean non-sparking tools to collect absorbed material. Ground and bond containers when transferring material Use personal protective equipment.
<b>Other Information</b>	Ventilate the area. Water spray may reduce vapor, but may not prevent ignition in closed spaces.

## 7. HANDLING AND STORAGE FOR INDUSTRIAL SETTING

<b>Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes. Keep away from open flames, hot surfaces and sources of ignition. Do not breathe vapors or spray mist. Wear personal protective equipment.
<b>Storage</b>	Keep container tightly closed. Keep out of the reach of children. Keep away from heat.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION FOR INDUSTRIAL SETTING

**Exposure Guidelines**                      **There is no exposure data pertaining to the Product. This section reflects exposure data pertaining to individual ingredients.**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethyl Acetate 141-78-6	TWA: 400 ppm	TWA: 400 ppm TWA: 1400 mg/m <sup>3</sup> (vacated) TWA: 400 ppm (vacated) TWA: 1400 mg/m <sup>3</sup>	IDLH: 2000 ppm TWA: 400 ppm TWA: 1400 mg/m <sup>3</sup>
Glycerin 56-81-5	TWA: 10 mg/m <sup>3</sup> mist	TWA: 15 mg/m <sup>3</sup> mist, total particulate TWA: 5 mg/m <sup>3</sup> mist, respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> mist, total particulate (vacated) TWA: 5 mg/m <sup>3</sup> mist, respirable fraction	
Isopropyl Alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m <sup>3</sup> (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m <sup>3</sup>	IDLH: 2000 ppm 10% LEL TWA: 980 mg/m <sup>3</sup> TWA: 400 ppm STEL: 500 ppm STEL: 1225 mg/m <sup>3</sup>

*ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.*

**Other Exposure Guidelines**                      Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Engineering Measures**                      Showers  
 Eyewash stations  
 Ventilation systems

**Personal Protective Equipment**

**Eye/Face Protection**                      Safety glasses with side-shields. Tightly fitting safety goggles. Face-shield.  
**Skin and Body Protection**                      Protective gloves.  
**Respiratory Protection**                      No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Hygiene Measures**                      When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Provide regular cleaning of equipment, work area and clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear, Pink, Water-thin liquid	<b>Odor</b>	Sweet
<b>Odor Threshold</b>	No information available	<b>Physical State</b>	Water-thin liquid
<b>pH</b>	N/A		
<b>Flash Point</b>	73F / 23C	<b>Autoignition Temperature</b>	No information available
<b>Decomposition Temperature</b>	No information available	<b>Boiling Point/Range</b>	No information available
<b>Melting Point/Range</b>	No information available		
<b>Flammability Limits in Air</b>	No information available	<b>Explosion Limits</b>	No information available
<b>Water Solubility</b>	Miscible in water	<b>Solubility</b>	No information available
<b>Evaporation Rate</b>	No information available	<b>Vapor Pressure</b>	No data available
<b>Vapor Density</b>	No data available	<b>Partition Coefficient: n-octanol/water</b>	N/A

## 10. STABILITY AND REACTIVITY FOR INDUSTRIAL SETTING

**Stability**                      Stable under recommended storage conditions.

**Incompatible Products**                      None known.

**Conditions to Avoid**                      Heat, flames and sparks.

When used in accordance with the directions.

**Hazardous Decomposition Products**                      Carbon oxides.

**Hazardous Polymerization**                      Hazardous polymerization does not occur.

### 11. TOXICOLOGICAL INFORMATION FOR INDUSTRIAL SETTING

There is no data for this product. The information included in this section describes the potential hazards of the individual ingredients.

**Acute Toxicity**

**Product Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ethyl Acetate	= 5620 mg/kg ( Rat )	> 20 mL/kg ( Rabbit )	-
Alcohol	-	-	= 124.7 mg/L ( Rat ) 4 h
Water	> 90mL/kg (Rat)	-	-
Propylene Carbonate	= 29000 mg/kg ( Rat )	> 20 mL/kg ( Rabbit )	-
Dimethyl Glutarate	= 8191 mg/kg ( Rat )	-	> 5.6 mg/L ( Rat ) 4 h
Dimethyl Succinate	> 5000 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	-
Dimethyl Adipate	= 1920 mg/kg ( Rat )	-	-
Glycerin	-	> 10 g/kg ( Rabbit )	> 570 mg/m <sup>3</sup> ( Rat ) 1 h
Isopropyl Alcohol	= 4396 mg/kg ( Rat )	= 12800 mg/kg ( Rabbit )	= 16000 ppm ( Rat ) 8 h

**Chronic Toxicity**

**Chronic Toxicity** Avoid repeated exposure.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Isopropyl Alcohol		Group 3		
D&C Red No. 17		Group 3		

**IARC: (International Agency for Research on Cancer)**  
 Group 3 - Not Classifiable as to Carcinogenicity in Humans

**Target Organ Effects** Central nervous system (CNS). Eyes. Respiratory system. Skin.

### 12. ECOLOGICAL INFORMATION FOR INDUSTRIAL SETTING

There is no ecological data on the Product. The Product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

### 13. DISPOSAL CONSIDERATIONS FOR INDUSTRIAL SETTING

**Waste Disposal Methods** This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

**Contaminated Packaging** Dispose of in accordance with local regulations.

**US EPA Waste Number** D001

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Ethyl Acetate - 141-78-6		Included in waste stream: F039		U112

**California Hazardous Waste Codes** 212

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California EHW	California Carc	California Hazardous Waste	California Waste - Part 2
Ethyl Acetate			Toxic Ignitable	Recyclable Hazardous Wastes
Alcohol			Toxic Ignitable	Recyclable Hazardous Wastes
Isopropyl Alcohol			Toxic Ignitable	

**14. TRANSPORT INFORMATION**

<b>Emergency Response Guide Number</b>	127
<b>DOT</b>	
<b>Description</b>	CONSUMER COMMODITY SOLUTION, ORM-D
<b>TDG</b>	
<b>Description</b>	UN1170, ETHANOL SOLUTION, 3, II
<b>MEX</b>	
<b>Description</b>	UN1170, ETHANOL SOLUTION, 3, II
<b>ICAO</b>	
<b>Description</b>	ID8000, CONSUMER COMMODITY SOLUTION, 9
<b>IATA</b>	
<b>Description</b>	ID8000, CONSUMER COMMODITY SOLUTION, 9
<b>IMDG/IMO</b>	
<b>Description</b>	UN1170, ETHANOL SOLUTION, 3, II, FP 22C

**15. REGULATORY INFORMATION FOR INDUSTRIAL SETTING**

There is no data for this product. The information included in this section describes the potential hazards of the individual ingredients.

**International Inventories**

<b>TSCA</b>	Exempt
<b>DSL</b>	Not determined

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	Yes
<b>Fire Hazard</b>	Yes
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**Clean Water Act**

This product does not contain any ingredients regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product contains the following ingredients regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:

Chemical Name	CAS-No	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Propylene Carbonate	108-32-7	0-10		Group V		
Glycerin	56-81-5	0-10		Group II		

**CERCLA**

This material, as supplied, contains one or more ingredients regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Ethyl Acetate	5000 lb	

**U.S. State Regulations**

**California Proposition 65 - None**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations For Industrial Setting**

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Ethyl Acetate	X	X	X		X
Alcohol	X				
Isopropyl Alcohol	X	X	X		X

**International Regulations**

**Mexico - Grade**

Serious risk, Grade 3

Chemical Name	Carcinogen Status	Exposure Limits
Ethyl Acetate		Mexico: TWA= 400 ppm Mexico: TWA= 1400 mg/m <sup>3</sup>
Alcohol		Mexico: TWA 1000 ppm Mexico: TWA 1900 mg/m <sup>3</sup>
Isopropyl Alcohol		Mexico: TWA 400 ppm Mexico: TWA 980 mg/m <sup>3</sup> Mexico: STEL 500 ppm Mexico: STEL 1225 mg/m <sup>3</sup>

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**WHMIS Hazard Class**

B2  
D2A



Chemical Name	NPRI
Isopropyl Alcohol	X

**Legend**

NPRI - National Pollutant Release Inventory

Product Number: 3Z6AD  
Issuing Date: June 26, 2013

Revision Date: None

Product Name: Non-Acetone Nail Polish Remover  
Revision Number: 0

## 16. OTHER INFORMATION

Prepared By	WERCS Professional Services, LLC 23 British American Blvd. Latham, NY 12110 1-800-572-6501
Issuing Date	June 26, 2013
Revision Date	None
Revision Note	None

### General Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

Approved and Updated by Vi-Jon, Inc.

### Disclaimer:

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**End of Safety Data Sheet**