

## Safety Data Sheet

### Section 1: Identification of the Substance/Preparation and of the Company/Undertaking

**Product Name:** Professional Nail Lacquer  
**Chemical Name:** Nail Enamel

SDS Prepared 6/3/2013  
SDS Updated 5/12/2015  
Revision 02

**Product Use:** cosmetics

**Manufacture:** Nail Alliance LLC.  
Nail Alliance - Atristic Inc. Missouri, USA  
**Emergency Phone Number:** (800) 535-5053

**Product # :** 51000 (295104)

**Information Contacts:** (714) 773-9758

### Section 2: Hazards Identification

#### EMERGENCY OVERVIEW

This information is based on findings from related or similar materials.

- Highly Flammable
- Prolonged inhalation may be harmful
- Can cause drowsiness, headaches, nausea, vomiting and narcosis
- May cause lung irritation



#### Potential Health Effects, Signs and Symptoms of Exposure:

Eye	Eye irritant both liquid and vapor
Skin	Mild skin irritant, can cause non-allergic contact dermatitis
Ingestion	Causes gastro-intestinal irritation, nausea, vomiting and diarrhea. Kidney damaged
Inhalation	Prolonged inhalation may be harmful Can cause drowsiness, headaches, nausea, vomiting and narcosis May cause lung irritation

NOTE: Refer to Section II, Toxicological Information for Details

### Section 3: Composition/Information on Ingredients

INCI Name	CAS#	EINECS#	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/OSHA	%
Ethyl Acetate	141-78-6	205-500-4	400 ppm	400 ppm	Not Listed	20.0 - 40.0
Butyl Acetate	123-86-4	204-658-1	150 ppm	150 ppm	Not Listed	20.0 - 40.0
Alcohol Denat	64-17-5	200-578-6	1000 ppm	1000 ppm	Not Listed	5.0 - 20.0
Nitrocellulose	9004-70-0	N/A	N/E	N/E	Not Listed	5.0 - 20.0
Isopropyl Alcohol	67-63-0	200-661-7	400 ppm	400 ppm	Not Listed	5.0 - 20.0
Triphenyl Phosphate	115-86-6	204-112-2	3 mg/m3	3 mg/m3	Not Listed	1.0 - 5.0

N/E - None Established  
N/R - Not Reviewed

N/DA - No Data Available  
N/A - Not Applicable

\* See section 16

### Section 4: First Aid Measures

First Aid for Eye	Irrigate with copious amount of sterile water Seek medical attention immediately.
First Aid for Skin	Wash off with propriety remover, wash affected area with soap and water
First Aid for Inhalation	Remove person to fresh air. Seek medical attention
First Aid for Ingestion	Do not induce vomiting. SEEK IMMEDIATE MEDICAL ATTENTION

### Section 5: Fire Fighting Measures

Flash Point ( °F/ °C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
24°F / -4°C Estimated	No Data	No Data

**WARNING:** Highly Flammable. Keep away from heat, and any sources of ignition. Keep containers closed

#### Method:

Extinguishing Media:	Use carbon dioxide, foam or dry chemical for small fires; Water or foam extinguishers, water fog for large fires
Fire Fighting Instructions:	Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products of combustion exists.

### Section 6: Accidental Release Measures

Personal Precautions:	Use suitable protecting clothing/equipment eliminate all sources of ignition. No smoking
Methods of cleaning-up:	Contain spillage with earth or sand Mop-up small spills Sweep up, use sand or earth to absorb spill for large spillages
Environmental precautions:	Do not allow to enter water courses or drains Dispose in accordance with local regulations Local authorities should be advised if significant spillages cannot be contained

**Section 7: Handling and Storage**

Handling: No smoking  
Prevent static discharges  
Exposure by inhalation or skin contact should be minimized by good industrial hygiene  
Vapor is heavier than air, spreads along the ground.  
Vapor can form an explosive mixture in air, prevalent in empty unclean vessels  
Use non-sparking utensils when handling this material  
Keep containers tightly closed when not in use.

Storage: Store in a cool, dry place, away from sources of ignition, label containers  
Eliminate possible point ignition sources, e.g. No smoking, Naked flames, static discharges  
Use flame proof electrical equipment.

**Section 8: Exposure Controls / Personal Protection**

Engineering Controls When working with large quantities of product, provide adequate ventilation. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

Exposure Levels:	Substance	OSHA-PEL-TWA	ACGIN-TLV-TWA
	Alcohol Denat	1000 ppm	1000 ppm
	Butyl Acetate	150 ppm	150 ppm
	Ethyl Acetate	400 ppm	400 ppm
	Nitrocellulose	not established	not established
	Isopropyl Alcohol	400 ppm	200 ppm
	Triphenyl Phosphate	3 mg/m3	3 mg/m3

**Personal Protective Equipment**

General: Chemical goggles should be worn  
Impervious gloves and overalls should also be worn  
An approved respirator should be worn if the maximum exposure levels above are surpassed

**Section 9: Physical and Chemical Properties**

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	Vapor Density	
liquid	characteristic	NA	(H2O=1): 0.93- 0.98	N/DA	Heavier than air	
Boiling Point/Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log Po/w	Vapor Pressure:	Evaporation Rate	Ignition	Solubility In Water (20°C)
Undefined	N/A	N/A	N/A	No Data	No Data	Insoluble
Flash Point ( °F/ °C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)				
24°F / -4°C. Estimated	No Data	No Data				

**Section 10: Stability and Reactivity**

<b>Stability:</b> Stable under recommended storage conditions, affected by U.V., store away from direct sunlight.	<b>Incapability (Material to Avoid):</b> Peroxides, strong oxidizing agents, acids, alkalines and Peroxides
<b>Hazardous Decomposition Products:</b> Combustion of nitrocellulose may evolve nitrous oxid (poisonous) fumes CO, CO2, Nitrous Oxides , smoke.	<b>Hazardous Polymerization:</b> Will not occur
<b>Conditions to Avoid:</b> Flame, electric sparks, static and heat. Do not store at temperature over 120 °F <b>Hazardous polymerization:</b> will not occur	

**Section 11: Toxicological Information**

Organic solvents in the product may lead to removal of lipid soluble elements of the skin leading to non-allergic dermatitis upon repeated prolonged contact.  
Vapors from solvents may cause; ill effect on then renal system; central nervous system problems; irritation to the respiratory tracks and other various mucosal membranes

**Section 12: Ecological Information**

This product should not be allowed to enter drains or water courses.  
Used in large volumes, this product may incur the requirements of the Environmental Protection Act.

**Ecotoxicological Information**

Acute Toxicity to aquatic life	Acute Toxicity to plants and animals	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
No Information Available	No Information Available	No Information Available	No Information Available	No Information Available

**Environmental Stability:**

The components of this product will slowly degrade over time into a variety of organic compounds. Specific environmental data available for the components of this product are as follows

<b>Ethyl Acetate:</b>	Koc= 0.73. Water Solubility: 64,000 mg/l. Bioconcentration Factor= 4-14. Bioconcentration is not anticipated to be significant. This compound can be removed from contaminated environments from volatilization, and biodegradation. This compound's half-life in water is 6.1 hours.
<b>Butyl Acetate:</b>	Koc= 1.8. Water Solubility: 120 Parts H2O at 25 °C (77 °F). Bioconcentration Factor= 4-14. Bioconcentration is not anticipated to be significant. This compound can be removed from contaminated environments from volatilization, and biodegradation. This compound's half-life in water is 6.1 hours.
<b>Isopropyl Alcohol:</b>	Low Kow= 0.05-0.14. Isopropyl alcohol occurs naturally; it is generated during microbial degradation of plant and animal wastes. When released on land or water, it is apt to volatilize and biodegrade. The estimated half-life in water is 5.4 days. Isopropyl alcohol is not expected to bioconcentrate.
<b>Chemical Fate Information</b>	
<b>Biodegradability</b>	No Information Available
<b>Chemical Oxygen Demand</b>	No Information Available

To the best of our knowledge, the ecotoxicological and chemical fate properties have not been thoroughly investigated.  
Do not allow to enter drinking water supplies, wastewater, or soil.

**Section 13: Disposal Considerations**

Waste disposal must be in accordance with appropriate Federal, State and local regulations.

**Section 14: Transport Information****DOT (49 CFR -GND)**

Excepted Quantity ( 49 CFR -173.4a) (≤ 30 ml)  
Consumer Commodity, ORM-D (≤ 1.0 L)

UN1263 Paint ,3,II (>1.0 L)

**IATA (AIR):**

Excepted Quantity ( Air Shipper 4.1.2) (≤ 30 ml)  
 Consumer Commodity,9, ID8000 ( ≤ 0.5 L)  
 UN1263 Paint ,3,II (> 0.5 L)

**IMDG (OCN):**

Excepted Quantity (2008 IMO -3.5.1)) (≤ 30 ml)  
 UN1263 Paint ,3,II LTD QTY(≤ 1.0 L)  
 UN1263 Paint ,3,II (> 1.0 L)

**TDGR (Canadian GND):**

Mark Package "Limited Quantity" or "Quantite Limitee" or "LTD QTY" or "Quant Ltee" (≤ 1.0 L)  
 UN1263, Paint related material, 3, II, (>1.0 L)

**ADR/RID (EU):**

UN 1263, Paint Related Material,3,II,ADR

**MEXICO (SCT):**

UN1263, Pintura,3,II, Cantidad Limitada (≤ 1.0 L)

**ADGR(AUS):**

UN1263, Paint, 3, II LTD QTY (≤ 1.0L)

**Section 15: Regulatory Information**

**US Federal Regulations**

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act: <ul style="list-style-type: none"> <li>• NONE</li> </ul> This product does not contain any Class I or Class 2 ODS
Clean Water Act: Priority Pollutant	This product contains the following Hazardous Substances as defined by the CWA: <ul style="list-style-type: none"> <li>• NONE</li> </ul> This product does not contain any substances that are a Priority Pollutant or Toxic Pollutant under the CWA
FDA:	This product complies with the appropriated sections of the Food and Drug Administration's 21 CFR subchapter G ( Cosmetics)
SARA Reporting Requirements:	SARA 304 (40 CFR Table 302.4)- Butyl Acetate, Ethyl Acetate
SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this product.
TSCA Inventory Status:	This product contains chemicals listed on the TSCA inventory
CERCLA Reportable Quantity (RQ):	Butyl Acetate: 5000 lbs.; Ethyl Acetate: 5000 lbs.

**State Regulations:**

Ingredients in this mixture are found on the following state criteria list:

Proposition 65: None

CA Right-to-Know Law:	Ethyl Acetate, Butyl Acetate, Isopropyl Alcohol
Delaware Air Quality Management List	Ethyl Acetate, Butyl Acetate, Nitrocellulose
Massachusetts Hazardous Substances List	Ethyl Acetate, Butyl Acetate, Nitrocellulose, Isopropyl Alcohol, Triphenyl Phosphate.
Minnesota Hazardous Substances List	Ethyl Acetate, Butyl Acetate, Isopropyl Alcohol, Triphenyl Phosphate.
NJ Right-to-Know Law:	Isopropyl Alcohol
New York List of Hazardous Substances	Ethyl Acetate, Butyl Acetate
PA Right-to-Know Law:	Ethyl Acetate, Butyl Acetate, Isopropyl Alcohol, Triphenyl Phosphate.
Washington Permissible Exposure Limits for Air Contaminates	Ethyl Acetate, Butyl Acetate, Isopropyl Alcohol, Triphenyl Phosphate.
Wisconsin Hazardous Substances List	Ethyl Acetate

**Section 16: Other Information**

**International Regulations:**

Canadian Regulations:

Ethyl Acetate CAS# 141-78-6 is on the DSL list.WHMIS= B2,D2B

Butyl Acetate CAS # 123-86-4 is on the list. WHMIS + B2, D1B, D2B

This product has been classify according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDL.

**67/548/EU Requirements:**

European Community:

The primary component of this product is listed in Annex I of the EU Directive 67/548/EEC



**Ethyl Acetate:** Flammable (F). R: 11-36/37/38 - Highly flammable. Irritating to eyes, reparatory system and skin. S: 2-16-23-29-33-  
 Keep out of the reach of children. Keep away from source of ignition - No smoking . Do not breathe gas, fumes, vapor or spray. Do not empty into drains.  
 Take precautionary measures against static discharges.

**Butyl Acetate:** Flammable (F). R: Flammable. S: 9-16-33- Keep container in a well -ventilated place. Keep away from sources of ignition. No smoking  
 Take precautionary measures against static discharges.

**Isopropyl Alcohol:** Flammable (F) . R 11-36/37- Highly flammable. Irritating to eyes, respiratory system and skin. S: 2-7-16-24/25/26  
 Keep out of the reach of children. Keep container tightly closed. Avoid contact with skin and eyes. In case of contact with eyes,  
 rinse immediately with plenty of water and seek medical advice.  
 HAZCHEM CODE : 3[Y]E

**EU Classes and Risk / Safety Phrases :**

• **HAZARDOUS SYMBOLS:**

Xi - Irritants  
 F - Highly Flammable  
 Xn- Harmful

• **RISK PHRASES:**

R10 Flammable  
 R11 Highly Flammable  
 R20 Harmful by inhalation  
 R21 Harmful in contact with skin  
 R22 Harmful if swallowed  
 R36 Irritating to eyes  
 R37 Irritating to respiratory system  
 R38 Irritating to skin  
 R41 Risk of serious damage to eyes  
 R43 May cause sensitization by skin contact  
 R50 Very toxic to aquatic organisms

R53 May cause long-term adverse effects in the aquatic environment

R65 Harmful: may cause lung damage if swallowed

R66 Repeated exposure may cause skin dryness or cracking

R67 Vapours may cause drowsiness and dizziness

• **SAFETY PHRASES:**

S16 Keep away from sources of ignition-No Smoking,

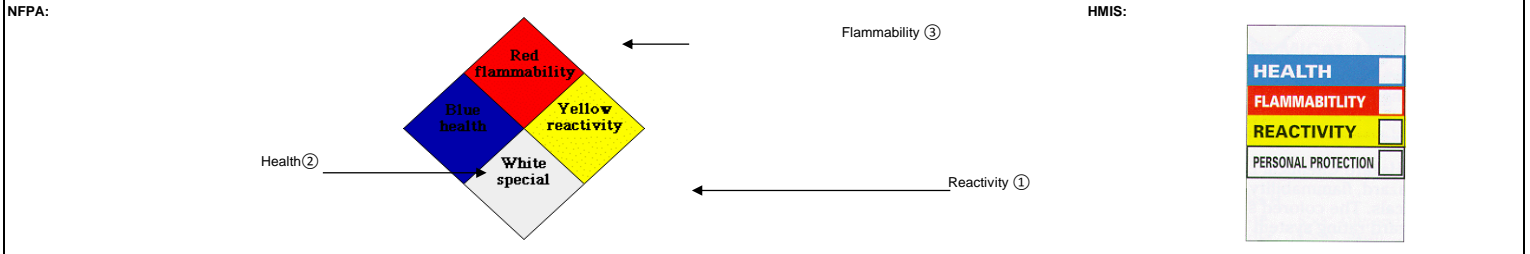
S23 Do not breathe vapor,

S25 Avoid contact with eyes

S29 Do not empty into drains

S33 Take precautionary measures against static discharges

**Hazard Rating System (Pictograms)**



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