

**Material Safety Data Sheet**

**pH Prep**

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

**Product Name:** Nail Prep - pH Prep  
**Chemical Name:** N/A  
**Family:** Cleansing Agent  
**Product Use:** Nail Prep  
**Product #: 03203**

**MSDS Prepared By:**  
**MSDS Initial Approval Date:** 9/1/2010  
**Manufacture:** Artistic Nail Design, Inc  
 14509 Best Avenue; Norwalk, CA  
**Emergency Phone Number:** (800) 535-5053  
**Information Contacts:** (714) 635-5110

**Section 2: Hazardous Ingredients**

Chemical Identity	CAS #	EINECS#	INCI Name	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IAR/NTP/OSHA	%
Isopropyl Alcohol	67-63-0	200-661-7	Isopropyl Alcohol	400 ppm	400 ppm	Not Listed	40-50
Ethyl Acetate	141-78-6	205-500-4	Ethyl Acetate	400 ppm	400 ppm	Not Listed	30-40
Isobutyl Acetate	110-19-0	203-745-1	Isobutyl Acetate	150 ppm	150 ppm	Not Listed	10-20

N/E - None Established      N/DA - No Data Available  
 N/R - Not Reviewed        N/A - Not Applicable

Isopropyl Alcohol: Hazard Symbols: Xi, F      Risk Phrases: R11, R36, R67      Safety Phrases: S2, S7, S16, S24/25, S26  
 Ethyl Acetate: Hazard Symbol -F, Xi      Risk Phrases: R11, R36, R66, R67      Safety Phrases: S2, S16, S26, S33  
 Isobutyl Acetate: Hazard Symbol -F      Risk Phrases: R11, R66      Safety Phrases: S2, S16, S23, S25, S29, S33  
 See Section 16 for Risk and Safety Phrases Key

**Section 3: Hazards Identification**

**EMERGENCY OVERVIEW**

- \* **Flammable liquid and vapor!**
- \* May cause allergic skin reaction.
- \* May cause eye irritation.
- \* Avoid prolonged or repeated breathing of gases, vapors or mists.

**Potential Health Effects, Signs & Symptoms of Exposure:**

**Primary Route of Entry**      Inhalation, skin contact, eye contact

**Eye**      Vapors are irritating to the eyes. Splashes may cause severe irritation, with stinging, tearing, redness, and pain with possible corneal damage.

**Skin**      Repeated/prolonged contact may cause drying of the skin. Symptoms include redness, burning, drying, cracking and skin burn.

**Ingestion**      Swallowing small amounts during normal handling is not likely to cause harmful effects; swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting.

**Inhalation**      Vapor and mist are irritating to mucous membranes. Breathing small amounts during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits.

**Sub-Chronic Effects**      Significant exposure to this chemical may adversely affect people with chronic disease or may cause damage to the respiratory system, skin and eyes.

NOTE: Refer to Section 11, Toxicological Information for Details

**Section 4: First Aid Measures**

**First Aid for Eye**      Flush with water for 15 minutes, including under eyelids. Get medical help if discomfort persists.

**First Aid for Skin**      Wash thoroughly with soap and water. Remove contaminated clothing. Get medical help if discomfort persists.

**First Aid for Inhalation**      Remove to fresh air. If breathing is difficult, administer oxygen. If symptoms persist, seek medical attention.

**First Aid for Ingestion**      If an individual is drowsy or unconscious do not give anything by mouth; place individual on the left side with the head down. Seek medical attention for advice about whether to induce vomiting. If possible, do not leave individual unattended.

**Section 5: Fire Fighting Measures**

Flash Point (F/C)	Flammable Limit (vol%)	Auto-Ignition Temperature (vol%)
TAG Closed: 68 degrees F/20 degrees C	LEL: 2%; UEL: 11.4%	N/DA

**Extinguishing Media:**      Use CO2, dry chemical for small fires, or alcohol type aqueous film forming foam.

Fire Fighting Instructions: If potential for exposure to vapors or products of combustion, wear complete personal protective equipment including self contained breathing apparatus, with full face operated in pressure demand. Fight fire from a safe distance/protected location.

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Unusual Hazards: Flammable. When exposed to heat and flame material is a fire explosion hazard. Vapor is heavier than air and can travel considerable to source of ignition and flash back. Material creates a special hazard if it floats water.

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**Section 6: Accidental Release Measures**

Eliminate all sources of heat and ignition. Use absorbent material for spills and dike it, wash spill material into retaining containers. Place containers in a well ventilated area. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (eg. vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as sawdust. Do not flush or sewer. US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802. EU Regulations require the consultation of Directive 98/24/EC. If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures.

Spill or Release Procedures:

**Section 7: Handling and Storage**

Handling: Closed containers exposed to temperature above (120°F) in transit or storage may develop vapor pressure. Open containers slowly. Ground all metals containers when transferring material. Wash face and hands thoroughly with soap and water after handling and before eating, drinking or smoking.

Storage: Store in a cool, well ventilated area away from heat, sparks and flame. Keep containers closed when not in use.

Explosion Hazard: Flammable Liquid. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

**Section 8: Exposure Controls/Personal Protective Equipment**

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eye facility and safety shower. Use process enclosures local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment.

**Personal Protective Equipment:**

General: To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132), or European Standard EN166 be conducted before using this product. Provide eye wash stations and safety showers. Wear impervious clothing to prevent ANY contact with this product, such as gloves, apron, boots, or whole body suit. Nitrile rubber is better than PVC.

Eye/Face Protection: Use impermeable clothing to prevent ANY contact with this product, such as gloves, apron, boots, or whole body suit. Nitrile rubber is better than PVC.

Skin Protection: Wear resistant gloves. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Respiratory Protection: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain limited circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Wear a NIOSH/MSHA or European Standard EN149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions. Follow OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN149.

**Section 9: Physical and Chemical Properties**

Appearance	Odor & Odor Threshold	pH	voc (g/L)	Specific Gravity	Viscosity	% Volatile		
Clear,colorless, mobile liquid	Fruity,pungent mix odor	NA	920	(H2O =1):0.88	N/A	W/W % : 99+		
Boiling Point/ Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log po/w		Vapor Pressure	Vapor Density	Evaporation Rate	Ignition	Solubility In Water
77°C	N/DA	N/DA		73 mm Hg @ 20°C	(Air=1):3.0	(Butyl1 Acetate=1):4.5	N/A	8.70%
Flash Point (°F/°C)		Flammable Limit (vol%)			Auto-ignition Temperature (vol%)			
68 °F/20 °C		LEL:2% ; UEL:11.4%			N/DA			

**Section 10: Stability and Reactivity**

**Stability:**  
Stable

**Hazardous Decomposition Products:**  
Carbon Monoxide

**Conditions to Avoid:**  
Heat, flame, ignition sources, and incompatibles

**Incompatibility (Materials to Avoid):**  
Oxidizing agents, i.e. hydrogen peroxide, Nitric Acid, Perchloric acid, Chromic Acid

**Hazardous Polymerization:**  
Will not occur

**Section 11: Toxicological Information**

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation - Skin	Irritation - Eye
Mouse:LD50=3600 mg/kg;	N/DA	Rat=1030 ug/m3/16w	Skin, rabbit:LD50=12800 mg/kg.	N/DA
Sensitization		Mutagenicity	Sub-chronic Toxicity	
N/DA		Rat=1030 ug/m3/16W	N/DA	

## Section 12: Ecological Information

### Ecotoxicological Information:

Acute Oral Toxicity To Fish	Acute Dermal Toxicity to Invertebrates	Acute Inhalation Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
The LC50/96-hour values for fish are over 100mg/l.	N/ DA	N/ DA	N/ DA	N/ DA

### Chemical Fate Information

<b>Biodegradability</b>	When released into the soil, this material is expected to quickly evaporate. When released into the soil, this material may leach into groundwater. When released into the soil, this material biodegrade extant. When released to water, this material is expected to quickly evaporate. When released into water, this material is expected to have a half-life between 1 and 10 days. When released into water, this material may biodegrade to a moderate extent. this material is not expected to significantly bioaccumulate.
<b>Chemical Oxygen Demand</b>	N/ DA

## Section 13: Disposable Considerations

Dispose of diking materials and absorbent in compliance with State, Local and Federal regulations. Residual vapors may explode on ignition, do not cut, drill or weld on or near the container. Mix with compatible chemical which is less flammable and incinerate. Watever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements. For EU Member States, please refer to any relevant Community provisions relating to waste. In their absence, it is useful to remind the user that national or regional provisions may be in force.

## Section 14: Transport Information

<b>DOT (49 CFR 172)</b>	
Proper Shipping Name:	UN1993, flammable Liquids, n.o.s., (ethyl acetate, isopropyl alcohol), 3, PG11
Identification Number:	UN1993
Marine Pollutant:	NO
Special Provisions:	T8, T31
<b>Emergency Response Guidebook (ERG #):</b>	<b>128</b>
<b>IATA (DGR):</b>	
Proper Shipping Name:	UN1993, flammable Liquids, n.o.s., (ethyl acetate, isopropyl alcohol), 3, PG11
Class or Division:	3
UN or ID Number:	UN1993
Packaging Instructions:	
<b>Emergency Response Guidebook (ICAO #):</b>	
<b>IMO (IMDG):</b>	
Proper Shipping Name:	UN1993, flammable Liquids, n.o.s., (ethyl acetate, isopropyl alcohol), 3, PG11
Class or Division:	3.2
UN or ID Number:	UN1993
Special Provisions & Stowage/Segregation:	None
<b>Emergency Schedule (EmS) #:</b>	
<b>Other Information:</b>	<b>Flash Point = 20°C</b>

## Section 15: Regulatory Information

### US Federal Regulations

Clean Air Act: HAP/ODS	This product contains the following (HAPS): or ODS: <b>NONE</b>
Clean Water Act: Priority Pollutant/Hazardous Substance	The following ingredients are listed as hazardous pollutants under the CWA: Isobutyl Acetate, Cas# 110-19-0 None of the ingredients are listed as primary pollutants nor are they listed as toxic pollutants.
FDA: Food Packaging Status	This product has not been cleared by the FDA for use in food packaging and/or other applications as an indirect food additive.
Occupational Safety and Health Act	This product is considered to be hazardous under the OSA Hazard Communication Standard. Its hazards are: Immediate (acute) health hazard & Fire Hazard.
RCRA	This product contains chemicals considered to be hazardous waste under RCRA (40 CFR 261): Ethyl Acetate CAS# 141-78-6, RCRA code:U112 Characteristic of Ignitability: RCRA Code: D001
SARA Title III: Section 302 (TPQ)	This product contains no chemicals regulated under Section 302 as extremely hazardous substances.
SARA title III: Section 304	This product contains chemicals regulated under Section 304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List): Ethyl Acetate, CAS# 141-78-6,, RQ (Lbs): 5000 Isobutyl Acetate CAS# 110-19-0, RQ (LBS) 5000.
SARA Title III: Section 311-312:	This product is considered to be hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). Its hazards are: Immediate (acute) health hazard & Fire Hazard.
SARA Title III: Section 313:	This product contains the following chemicals which are subject to the reporting requirements of Section 313 Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: NONE


TSCA Section 8(b): Inventory)  
ITSCA Significant New Use Rule:

This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.

**State Regulations**

CA Right-to-Know- Law: California No Significant risk Rule:	Ethyle Acetate CAS# 141-78-6, Isopropyl Alcohol CAS# 67-63-0, Isobutyl Acetate CAS# 110-19-0. NONE
MA Right-to-Know Law:	Ethyle Acetate CAS# 141-78-6, Isopropyl Alcohol CAS# 67-63-0, Isobutyl Acetate CAS# 110-19-0.
NJ Right-to-Know Law:	Ethyle Acetate CAS# 141-78-6, Isopropyl Alcohol CAS# 67-63-0, Isobutyl Acetate CAS# 110-19-0.
PA Right-to-Know Law:	Ethyle Acetate CAS# 141-78-6, Isopropyl Alcohol CAS# 67-63-0, Isobutyl Acetate CAS# 110-19-0.
FL Right-to-Know Law:	Ethyle Acetate CAS# 141-78-6, Isopropyl Alcohol CAS# 67-63-0, Isobutyl Acetate CAS# 110-19-0.
MN Right-to-Know Law:	Ethyle Acetate CAS# 141-78-6, Isopropyl Alcohol CAS# 67-63-0, Isobutyl Acetate CAS# 110-19-0.

**International Regulations**

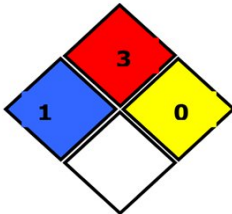
CDSL: Canadian Inventory (on Canadian Transitional List)	Ethyle Acetate CAS# 141-78-6, Isopropyl Alcohol CAS# 67-63-0, Isobutyl Acetate CAS# 110-19-0. NONE
EINECS: European Community:	Hazard Symbols: <b>Xi</b> : irritant, <b>F</b> : Highly Flammable
	Risk Phrases: <b>R11</b> : Flammable, <b>R20/22</b> : Harmful by inhalation, <b>R36/38</b> : Irritating to eyes and skin
	Safety Phrases: <b>S7/9</b> : Handle and open container with care, <b>S24/25</b> : avoid contact with skin and eyes, <b>S33</b> : take precautionary measures against static discharges, <b>S37/39</b> : wear suitable protective clothing and gloves and eye/face protection, <b>S45</b> : in case of accident or if you feel unwell, seek medical advice immediately and (show this container or label.)

**Section 16: Other Information**

**EU Classes and Risk / Safety Phrases for Referenced ingredients ( See Section 2):**

F-Flammable substance or preparations
<b>Xi</b> -Irritants
<b>Risks Phrases:</b> R11- Highly flammable; R36-Irritating to eyes: R66-Repeated exposure may cause skin dryness or cracking: R67- Vapors may cause drowsiness and dizziness
<b>Safety Phrases:</b> S2 Keep out of reach of children: S7 Keep container tightly closed: S16 Keep away from sources of ignition-No Smoking: S23 Do not breath gas/fumes/vapor/spray S24/25 Avoid contact with skin and eyes: S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S29 Do not empty into drains: S33 Take precautionary measures static discharges

NFPA:

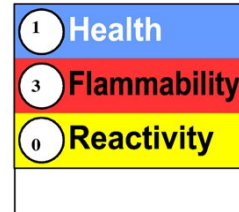


HEALTH

FLAMMABILITY

REACTIVITY

HMIS:



Revised Sections Since Last Verion:	NONE
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