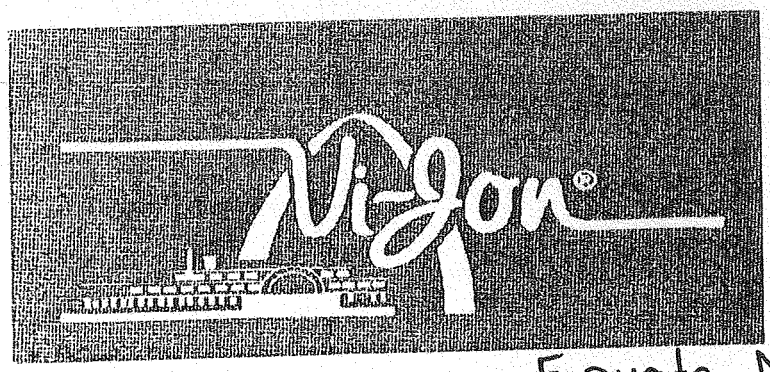
Material Safety Data Sheet



Vi-Jon Laboratories, Inc.

8515 Page Avenue

St. Louis, MO 63114

314-427-1000

Equate Non-Acetone Nail Polish Remover

Section I: Chemical Identification

Product Name: Non-Acetone Nail Polish Remover with Dimethyl Ester
Product Code: PN 688
Date Prepared: May 16, 1997

Product Use: Nail Polish Remover

Manufacturer: Vi-Jon Laboratories, Inc.

FOR MORE INFORMATION CALL:

314-427-1000

IN CASE OF AN EMERGENCY CALL:

314-612-5701

Section II: Hazardous Ingredients/Identity Information

Hazardous Components	OSHA PEL	ACGIH TLV	% Content
Ethyl Acetate CAS Number 141-78-6	TWA: 400 ppm	TWA: 400 ppm	45.00
SD Alcohol 35A CAS Number: 64-17-5	TWA: 1000 ppm STEL: 1000 ppm	TWA: 1000 ppm STEL: 1000 ppm	29.80

NFPA Hazard Identification:
HEALTH = 1
FIRE = 3
REACTIVITY = 0

National Fire Protection Association(NFPA) Legend:
4=Extreme
3=Serious
2=Moderate
1=Slight
0=Minimal

Emergency Overview: Non-Acetone Nail Polish Remover(NPR) is a pinkish liquid possessing a sweet, fruity odor. It is a volatile substance in that it is extremely flammable and its vapors form explosive mixtures with air. Since NPR=s vapors travel with air currents, they can be ignited by spark or flame remote from the site the NPR is being handled. Dangerous fire hazard when exposed to heat, sparks, flame, or oxidants. Eye and mucous membrane irritant. Harmful if swallowed or inhaled.

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Additional information Section VI.

Section III: Physical and Chemical Characteristics

Appearance:	Clear pinkish liquid
Physical State:	Liquid.
Boiling Point:	approximately 176EF (80EC)
Odor:	Residual ether-like, fruity fragrance.
Flash Point:	32EF (0EC)
Method:	Tag closed cup.
Specific Gravity:	0.925 (H_2O=1)
Vapor Pressure @ 20EC:	60 mm Hg.
Vapor Density:	3.0 (Air=1)
Evaporation Rate:	>6 (Butyl Acetate=1)
Freezing point:	-93EC
Solubility in Water:	Soluble.

Section IV: Fire and Explosion Hazard Data

Flash Point:	32EF (0EC)
Lower Flammable Limit:	2.6 (Volume % in air)
Upper Flammable Limit:	12.8 (Volume % in air)
OSHA Flammability Class:	Flammable Liquid IB.

Extinguishing Media:
Small Fire: Use carbon dioxide or dry chemical
Large Fire: Use alcohol foam.

Note: Water spray will reduce the intensity of the flames.

Unusual Fire and Explosion Hazards:
Nail Polish Remover is extremely flammable and its vapors form explosive mixtures with air. Dangerous when exposed to heat, sparks, flame or oxidants.

Special Firefighting Precautions/Instructions:
Handle as a flammable liquid. Use water to keep fire-exposed tanks and containers cool. Do not enter fire area without proper personal protective equipment to include a self-contained breathing apparatus.

Section V: Reactivity Data

Stability? Conditions to Avoid:
Normally stable. Keep away from heat, sparks and flame.

Incompatibility. Materials to Avoid:
Avoid strong oxidizing agents.

Hazardous Decomposition Products:
Carbon monoxide, carbon dioxide, water vapor and unidentified organic compounds.

Hazardous Polymerization?
Hazardous polymerization will not occur.

Section VI: Health Hazard Data

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Potential Health Hazards:
Skin: Prolonged exposure to vapor irritates the skin. Repeated and prolonged contact of the liquid with the skin and

Section VI Cont.

cause dryness and erythema (inflammation).

Eyes: Can cause irritation of the eyes and mucous membranes.

Inhalation: Vapor concentration of 2,500-3,000 ppm causes minor irritation of the eyes, nose and throat. Inhalation of higher concentration may cause headache, nausea, confusion, drowsiness, convulsions, and coma.

Ingestion: Ingestion of a toxic dose can cause gastoenteric irritation, narcosis and injury to the kidneys and liver.

Delayed Effects: Nail Polish Remover is not known to produce chronic or cumulative systemic effects.

Carcinogenicity?	NTP	IARC Status	OSHA
No ingredients listed in this section.			

Medical Conditions Generally Aggravated by Exposure:
pre-existing eye, skin, and respiratory disorders, and asthma.

Section VII: First Aid Procedures

Skin: In case of skin contact remove contaminated clothing, immediately wash affected area with soap and water. Get medical attention if contact causes skin to crack or dermatitis.

Eye: In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes, keeping eyelids wide open. Get prompt medical attention.

Inhalation: If inhaled remove patient to fresh air. If not breathing give artificial respiration. If breathing is difficult, oxygen can be given by a qualified operator. Get prompt medical attention.

Ingestion: If swallowed, do not induce vomiting unless advised by a physician. Get prompt medical attention.

Section VIII: Precautions for Safe Handling and Use

In Case of Spill or Release:
Always wear the proper personal protective equipment. Eliminate all sources of ignition in the vicinity of the spill. Isolate the spill area and contain. Only trained personal fitted with the proper personal protective equipment should be allowed to enter the spill site. Terminate the leak immediately, if possible. Collect the spill in a waste container for disposal. Flush the spill area thoroughly with water. Spill and washings must be contained and prevented from entering a waterway.

Waste Disposal Method:
Dispose according to federal, state, and local regulations.

Handling and Storage:
Do not store above 120EF (49EC). Keep away from sources of ignition and oxidizing materials. Always use in a well ventilated area.

AEmpty≡ containers, must be assumed to be hazardous due to residual product.

Other Precautions: **Keep Away From Children!**

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Section IX: Exposure Controls

Engineering Controls:
Good ventilation is essential in areas where this product is handled to prevent the accumulation of explosive mixtures. Explosion-proof fans and electrical should be used in mechanical type ventilation systems.

Personal Protective Equipment:
Skin Protection: Natural rubber, Butyl, or neoprene gloves and apron. Chemical resistant safety shoes.

Eyes and Face: Chemical safety goggles.

Other Protective Clothing or Equipment:
Eye Wash, safety shower, protective suit. Fire blankets. Warning signs.

Respiratory Protection:
No respiratory protection is required for concentrations below 750 ppm.

750 ppm-1000 ppm-NIOSH approved chemical cartridge respirator with an organic vapor cartridge.

1,000-12,000 ppm-require NIOSH approved air purifying full face respirator with organic vapor canister.

12,500 ppm and above -requires NIOSH full face supplied air respirator operated in pressure demand or other positive pressure mode.

Escape-NIOSH approved air purifying, full face respirator with organic vapor canister or any escape type self-contained breathing apparatus.

Work/Hygienic Practices:
Following generally recognized safety practices and sound work methods should be used when handling this product in large or small quantities.

Notice

The information and recommendations contained in the Material Safety Data Sheet (MSDS) are supplied pursuant to 29 CFR 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. The information and recommendations set forth herein (hereinafter Ainformation≅) are presented in good faith and believed to be correct as of this date hereof.

Vi-Jon Laboratories, however, makes no representation as to the completeness or accuracy thereof, and information is supplied upon the express condition that the persons receiving the information will be required to make their own determination as to its suitability for their purposes prior to use. In no event will Vi-Jon laboratories be responsible for any damages of any nature whatsoever resulting from the use of , reliance upon, or the misuse of this information.

No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose , or of any other nature, are made hereunder with respect to information or the product to which the information refers. The information as supplied herein is simply to be informative and intended solely to alert the user of the substance which is the subject matter of this MSDS. The ultimate compliance with federal, state or local regulations concerning the use of this compound, or compliance with respect to products liability, rests solely upon the purchaser thereof.

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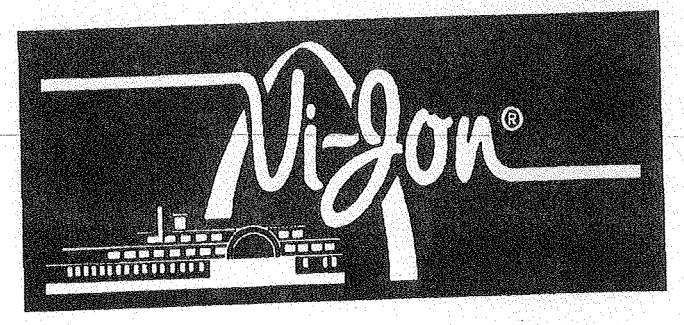

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Date: 04/01/03

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San Felipe Del Rio CSID

Fax # 830-778-7737

# of pgs: 5

Attached is the material Safety Data Sheet you requested. Vi-Jon would like to thank you for purchasing our product. If you have any further questions, please feel free to call at any time.

MSDS Request: **Equate Non-acetone Nail Polish Remover**

Sincerely,

Nancy Dawson

Nancy Dawson