

Material Safety Data Sheet



Section 1: PRODUCT AND COMPANY IDENTIFICATION

Vi-Jon Incorporated
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Phone: 314-427-1000
In Case of Spill Emergency Contact:
Chemtrec: 1-800-424-9300

Product Name: Methyl Acetate Nail Polish Remover

Product Code: 1311

Product Use: Nail Polish Remover

Issue Date: 03/19/2008

Supersedes Date: October 2006

Section 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Keep out of reach of children.

Appearance/Odor: Clear Pink Liquid

WARNING:

Flammable (Methyl Acetate)

Target (Methyl Acetate) eye and upper respiratory tract irritation; headache; ocular nerve damage.

Potential Health Effects: See Section 11 for more information.

Symptoms of Exposure:

Inhalation: May cause irritation of the respiratory tract.

Ingestion: May cause nausea, vomiting and diarrhea.

Eyes: May cause irritation to the eyes.

Skin: May cause irritation to the skin.

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

This material contains components that are considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential Environmental Effects: See Section 12 for more information.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	% by Wt.
Methyl Acetate	79-20-9	30%
Butoxydiglycol	112-34-5	Trade Secret

Section 4: FIRST AID MEASURES

Emergency first aid procedures by route of exposure:

- Inhalation:** If symptoms are experienced, remove source of contamination or move victim to fresh air. If affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
- Ingestion:** Do not induce vomiting. If the material is swallowed, get medical attention or advice.
- Skin:** If irritation is experienced, flush with water. If irritation persists, get medical attention.
- Eyes:** Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If symptoms persist, get medical attention.

Section 5: FIRE FIGHTING MEASURES

Flash Point (Methyl Acetate): 14°F (-10°C)

Method Used: Not Available

Auto Ignition: (Methyl Acetate) 454°C

Flammability Classification: Flammable Liquid IB

Suitable Extinguishing Media: Carbon dioxide, dry chemical powder, or alcohol resistant foam.

Unsuitable Extinguishing Media: Water may be ineffective because of the low flash point of Methyl Acetate.

Products of Combustion: Upon decomposition this product may emit carbon dioxide, carbon monoxide and/or low molecular weight hydrocarbons.

Fire Fighting Equipment/Instructions: Wear protective clothing and equipment suitable for the surrounding fire, including helmet, facemask, and self contained breathing apparatus.

NFPA Rating: Health:2 Fire: 3 instability:1

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: For large spills wear gloves, safety glasses and when levels exceed OSHA PEL use appropriate NIOSH approved respiratory protection. Keep unnecessary personnel away. Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.

Environmental Precautions: Prevent discharge to open waters.

Method for Containment: Absorb spilled liquid in suitable non-flammable inert material such as clay, vermiculite or diatomaceous earth.

Methods for Clean-Up: Ventilate area of leak or spill. Use spark-proof tools to sweep or scrape up and containerize in approved chemical waste container. Wash spill area with water.

Section 7: HANDLING AND STORAGE

Handling: Keep away from heat, sparks and flame. Prevent contact with eyes. Avoid inhalation.

Storage: Keep the container tightly closed and in a cool, well ventilated place.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Methyl Acetate (79-20-9)

ACGIH: 200 ppm TWA

OSHA: 200 ppm TWA; 610 mg/m³ TWA

Engineering Controls: Normal room ventilation is usually adequate under normal use.

Personal Protective Equipment (PPE)

Eye/Face Protection: None needed under normal use.

Skin Protection: None needed under normal use.

Respiratory Protection: None needed under normal use.

General Hygiene Considerations: Wash skin after use.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Color: Clear Pink

Odor: Fruity/Methyl Acetate

Physical State: Liquid

pH: Not Available.

Vapor Density: (Methyl Acetate) 2.8 (air = 1)

Boiling Point: (Methyl Acetate) 56.87°C

Vapor Pressure: (Methyl Acetate) 217 hPa at 20°C

Melting Point: (Methyl Acetate) -98°C

Freezing Point: Not Available

Flash Point (see section 5)

Flammability Properties (see section 5)

Solubility (in water): Soluble

Specific Gravity @ 25°C: 0.95-1.05

Evaporation Rate: Not Available

Octanol/Water partition coefficient (K_{ow}): (Methyl Acetate): 0.18

Auto-ignition temperature: (Methyl Acetate) 454°C

Decomposition temperature: Not Available

Section 10: STABILITY AND REACTIVITY

Stability: Stable under normal ambient temperatures 70°C (21°C)

Condition to Avoid: Avoid excessive heat or sources of ignition.

Incompatible Materials: This product reacts with strong acid, strong bases, and oxidizing agents.

Hazardous Decomposition: upon decomposition, this product evolves carbon monoxide, carbon dioxide, and/or low weight hydrocarbons.

Hazardous Reactions: Hazardous polymerization will not occur.

Section 11: TOXICOLOGY INFORMATION

ACUTE EFFECTS:**A: General Product information**

Product contains Methyl Acetate and Butoxydiglycol.

B: Component Analysis LD50

Methyl Acetate (79-20-9)

Inhalation LC50 Rat: 16000 ppm/4H

Oral LD50 Rat: >5000 mg/kg

Dermal LD50 Rat: >2000 mg/kg

Dermal LD50 Rabbit: >5000 mg/kg

Butoxydiglycol (112-34-5)

Oral LD50 Rat: 3384 mg/kg

Dermal LD50 Rabbit: 2700 mg/kg

CHRONIC EFFECTS:**Component**

Methyl Acetate (79-20-9)

Carcinogenicity: No information available for product.

Neurotoxicity: No information available for product.

Mutagenicity: No information available for product.

Reproductive: No information available for product.

Developmental: No information available for product.

Target Organs: Eye and upper respiratory tract irritation; headache; ocular nerve damage.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Methyl Acetate (79-20-9)

72 hour EC50 Scenedesmus subspicatus: >120 mg/L

96 hour LC50 Pimephales promelas 320 mg/L [flow through]

96 hour LC50 Brachydanio rerio: 250 mg/L [static]

30 min EC50 Photobacterium phosphoreum: 6100 mg/L

16 Hr EC50 Pseudomonas putida: 6000 mg/L

48 hour EC50 Daphnia magna: 1026.7 mg/L

Ecotoxicity: Butoxydiglycol (112-34-5)

96 Hr EC50 Scenedesmus Subspicatus: >100 mg/L

96 Hr LC50 Lepomis macrochirus: 1300 mg/L [static]

Section 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, state, and local regulations.

Section 14: TRANSPORTATION INFORMATION

Shipping Name: Consumer Commodity ORM-D

Proper Shipping Name for Non-Consumer Commodity: Flammable liquids, n.o.s., 3, UN1993, PGII.

Section 15: REGULATORY INFORMATION

Methyl Acetate and Butoxydiglycol, components of this product, are on the TSCA inventory.

The following component appears on one or more of the following state hazardous substance lists:

Component	CAS#	CA	MA	MN	NJ	PA
Methyl Acetate	79-20-9	YES	YES	YES	YES	YES

Section 16: Other Information

Prepared by: Vi-Jon Inc.

Disclaimer:

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 are presented in good faith and believed to be correct as of this date hereof.

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