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BY: \_\_\_\_\_

**MATERIAL SAFETY DATA SHEET**  
Marianna Industries, Inc  
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Omaha, NE 68137-1296  
Non-Emergency (402) 593-0211  
EMERGENCY INFOTRAC (800) 457-4280

Revised: 05/10

**I. PRODUCT INFORMATION**

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PRODUCT NAME: Marianna Pure Acetone Polish Remover

CHEMICAL NAME: ACETONE

CHEMICAL TYPE:  Pure  Mixture

CAS NUMBER: N/A

CHEMICAL STATE: Liquid

INGREDIENTS:	OSHA Z1 PEL	OSHA Z1A TWA	OSHA Z1A STEL	ACGIH TWA	ACGIH STEL
	1000 ppm	750 ppm	1000 ppm	500 ppm	750 ppm

CAS No.	Chemical Name	% by Weight/Weight
67-64-1	Acetone	100.00%

**II B. HAZARDOUS IDENTIFICATION:**

Hazard Category:

Acute  Chronic  Fire  Pressure  Reactive

Hazardous Identification Information:

Harmful: May cause lung damage if swallowed. Vapors may cause drowsiness and dizziness. Irritating to eyes.

Safety Hazards: Extremely Flammable. Vapors are heavier than air. Vapors may travel across the ground and reach remote ignition sources causing flashback fire danger. Electrostatic charges may be generated during pumping. Electrostatic discharge may cause fire.

**III B. HAZARDOUS COMPONENTS**

NAME	CAS NO.	Concentration
ACETONE	67-64-1	100.00%

CHEMICAL NAME (ACETONE)	LD 50	Toxicity Data LC 50
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IV. FIRST AID MEASURES:

**EYE CONTACT:** Irritating to eyes. Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Transport to the nearest medical facility for additional treatment.

**SKIN CONTACT:** Repeated exposure may cause skin dryness or cracking. Remove contaminated clothing. Flush exposed area with water and follow by washing with soap if available. Call a physician if irritation persists.

**INHALATION:** Vapors may cause drowsiness and dizziness. Slightly irritating to respiratory system. Remove to fresh air. Do not attempt to rescue the victim unless proper respiratory protection is worn. If the victim has difficulty breathing or tightness of the chest, is dizzy, vomiting, or unresponsive, give 100% oxygen with rescue breathing or CPR as required and transport to nearest medical facility.

**INGESTION: HARMFUL:** May cause lung damaged if swallowed. Do Not Delay. Do not induce vomiting. If victim is alert, rinse mouth and drink ½ to 1 glass of water to help dilute the material. Do not give liquids to a drowsy, convulsing, or unconscious person. Transport to the nearest medical facility for additional treatment. If vomiting occurs spontaneously, deep head below hips to prevent aspiration.

V. EXPOSURE CONTROL MEASURES:

**EYE PROTECTION:** Wear safety glasses or full face shield if splashes are likely to occur.

**SKIN PROTECTION:** Use protective clothing which is chemical resistant to this material. Safety shoes and boots should also be chemical resistant. Gloves should be chemical resistant.

**OTHER PROTECTIVE EQUIPMENT:** Eyewash station and Safety Shower.

**RESPIRATORY PROTECTION:** Where air-filtering respirators are unsuitable use appropriate positive pressure breathing apparatus.

VI B: FIRE AND EXPLOSION HAZARD DATA:

**FLASH POINT:** -18 C / 0 F (IP 170)

**Explosion / Flammability:** ca. 2.1 -13% (V)

**Auto Ignition Temperature:** 540 C / 1,004 F (ASTM D - 2155)

**EXTINGUISHING MEDIA for ACETONE:** Alcohol-resistant foam, water spray or fog. Dry Chemical Powder, Carbon Dioxide, Sand or Earth may be used for small fires only.

VII: Physical and Chemical Properties:

**Boiling Point:** -95 C / -139 F

**Flashpoint:** 018 C / 0 F (IP 170)

**Melting Point:** N/A

**Vapor Pressure:** 24.7 kzsps @ 20 C / 68 F

**Sol. IN WATER:** @ 20 C / 68 F Completely Miscible.

pH: N/A

Specific Gravity: 0.788-.0792@22°C

Vapor Density: 2 @ 20 C / 68 F

Evaporation Rate: 5.6 ASTM D 3539, nBuAc=1)

Appearance / Odor of Finished Product: Clear liquid with a sweet slight aromatic bitter odor

**STABILITY AND REACTIVITY DATA for ACETONE:**

STABILITY: Stable under normal conditions.

INCOMPATIBILITY: Strong Oxidizing Agents

DECOMPOSITION: None expected under normal conditions.

**IX. ENVIRONMENTAL & DISPOSAL INFORMATION for ACETONE:**

**ACTION TO TAKE FOR MATERIAL DISPOSAL:** Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations.

**ACTION TAKEN FOR CONTAINER DISPOSAL:** Drain container thoroughly. After draining, vent in a safe place away from fire and sparks. Residues may cause an explosion hazard. Do not puncture, cut or weld uncleaned drums. Send to drum recoverer or metal reclaimer

**X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE:**

Avoid breathing of or contact with material. Only use in a well ventilated area. Wash thoroughly after handling.

Storage: Keep away from flammables, oxidizing agents, and corrosives. Vapor is heavier than air. Beware of accumulation in pits and confined spaces.

Product Transfer: Ensure electrical continuity by bonding and grounding all equipment.

**XI. SHIPPING INFORMATION:**

Proper Shipping Name: (Acetone)

Hazard Class: 3 (Flammable Liquid)

UN Number: UN 1090

Packing Group: II

Emergency Response Guide # 127

**THE SHIPPING CARTON  
IDENTIFICATION MUST BE  
LISTED THE SAME AS  
THE DESCRIPTION ON THE  
MSDS !!**

Mobility: Recover or recycle if possible. Dissolves in water/ Readily biodegradable. Not expected to bio-accumulate significantly.

**DISCLAIMER**

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