

17-530

**MATERIAL SAFETY DATA SHEET**

Prepared In Compliance With OSHA Hazard Communication Standard (29 CFR 1910.1200)

PRODUCT IDENTITY: Non Sterile Alcohol Pad – 70% Isopropyl Alcohol  
PRODUCT PART NUMBER: 10-3530

MANUFACTURER'S NAME: H & P Industries, Inc.  
ADDRESS: 600 Perkins Drive  
Mukwonago, WI 53149

PHONE NUMBER: (414) 363-6900

ISSUE DATE: 1-20-97

1. INGREDIENT	OSHA PEL	ACGH TLV	OTHER LIMITS
Isopropanol	400ppm	400ppm	TWA (980mg/m <sup>3</sup> )

**2. PHYSICAL DATA**

BOILING POINT >180°F  
VAPOR PRESSURE 733  
VAPOR DENSITY >2.0  
EVAPORATION RATE >7.0  
SOLUBILITY IN WATER Azeotrope  
SPECIFIC GRAVITY 0.878  
MELTING POINT N/A  
Ph N/A

APPEARANCE AND ODOR: Clear, colorless with characteristics of IPA

**3. FIRE AND EXPLOSION DATA**

FLASHPOINT: 70°F (Open Cup)  
FLAMMABLE LIMITS – LEL 2  
FLAMMABLE UNITS – UEL 12.0

EXTINGUISHING MEDIA:  
CO<sub>2</sub>, Dry Chemical, Water Spray, Water Fog, Alcohol Type Foam.

SPECIAL FIREFIGHTING PROCEDURES:  
Wear Proper Protection, Fight Fire From Safe Distance.

UNUSUAL FIRE AND EXPLOSION HAZARDS:  
Releases Vapor Below Ambient Temperatures. Vapors May Travel Long Distances Before Igniting And Flashing Back To Vapor Source.

**4. REACTIVITY**

STABILITY: STABLE

INCOMPATIBILITY: Anhydride, Isocyanate, and Organometallic contamination.

HAZARDOUS POLYMERIZATION: Hazardous Polymerization Will Not Occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide and Carbon Dioxide.

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5. ENVIRONMENTAL INFORMATION

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SPILL RESPONSE:

Eliminate all sources of ignition and flush with large quantities of water spray.

RECOMMENDED DISPOSAL:

Atomize into an incinerator where appropriate Federal, State, or Local regulations allow.

ENVIRONMENTAL DATA: Not Determined.

CARCINOGENICITY: N/A

EPCRA HAZARD CLASS:

FIRE HAZARD: YES

PRESSURE: No

REACTIVITY: No

ACUTE: No

CHRONIC: No

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6. SUGGESTED FIRST AID

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EYE CONTACT: Flush with water. If irritation persists, contact a physician.

SKIN CONTACT: N/A

INHALATION: If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call a physician.

IF SWALLOWED: If large quantities are ingested, administer warm water and contact a physician.

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7. PRECAUTIONARY INFORMATION

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EYE PROTECTION: Goggles. Use eye bath if eye contact occurs. Watch for red, watery eyes.

SKIN PROTECTION: Gloves. Sensitive or inflamed skin may become irritated.

RECOMMENDED VENTILATION: Provide appropriate local exhaust. Watch for coughing, dizziness.

PREVENTION OF ACCIDENTAL INGESTION: N/A

RECOMMENDED STORAGE: Store in a cool, dry location. Keep out of reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Flammable, keep away from sparks, flame, or high temperature.

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8. HEALTH HAZARD DATA

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Exposure to this material in normal storage and handling has not been reported to cause significant adverse health effects.

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ABBREVIATIONS: N/D – Not Determined      N/A – Not Applicable      CA - Approximately

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