

# Material Safety Data Sheet

## PRODUCT CODE NUMBERS:

NPKS84925, MDS090735, MDS090730DS, MDS090730BR, MDS090730, MDS090675DS, MDS090675, HPIV104300, HPI1030011, MDS090732

## SECTION 1

ISSUE DATE: December 12, 2006

IDENTITY: **ALCOHOL PREP PAD**

## MARKETED OR DISTRIBUTED BY:

Medline Industries, Inc.  
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Mundelein, IL 60060  
**1.800.MEDLINE**

*Emergency Telephone Information:*  
**Contact Your Regional Poison Control Center**

## SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specific chemical identity, common name(s))	CAS #	OSHA PEL	ACGIH TLV	Other limits Recommended	% (Optional)
Isopropanol		400ppm	400ppm	TWA (980mg/m3)	70%

## SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point: >180F	SP Gravity (water=1): 0.878
Vapor pressure (mm Hg): 733	Melting Point: NA
Vapor density (air=1): >2.0	Evaporation Rate (butyl acetate=1): > 7.0
Solubility in water: Azeotrope Appearance and odor: Clear, colorless with characteristic of IPA	

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash point (method used): 70 F		
Explosive limits:	LEL: 2	UEL: 12.0
Extinguishing media: CO2, dry chemical, water spray, water fog, alcohol type foam.		
Special Fire Fighting Procedures: Wear proper protection, fight fire from safe distance.		
Unusual Fire and Explosive Hazards: Releases vapor below ambient temperatures. Vapors may travel long distances before igniting and flashing to vapor source.		

## SECTION 5 - REACTIVITY DATA

Stability: Stable
Conditions to avoid: NA
Incompatibility (materials to avoid): Anhydride, isocyanate and organometallic contamination
Hazardous decomposition or byproducts: Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide.
Hazardous polymerization: Will not occur.

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## SECTION 6 - HEALTH HAZARD DATA

Signs and symptoms of exposure: Coughing, dizziness and watery eyes.
<b>Health Hazards:</b> Prolonged breathing of vapors may cause coughing, shortness of breath, intoxication. Eye contact may cause moderate irritation. Material can affect mucous tissue and/or aggravate mucous membrane dysfunction. Ingestion may cause gastric distress. Excessive ingestion may lead to coma or death.
Medical conditions generally aggravated by exposure: Sensitive or inflamed skin may become irritated.
<b>Emergency and First Aid procedures:</b> <b>Skin contact:</b> NA <b>Eye contact:</b> Flush with water. If irritation persists, contact physician. <b>Inhalation:</b> <b>Ingestion:</b> If large quantities are ingested, administer warm water and contact physician.

## SECTION 7 - SPILL, LEAK, AND WASTE DISPOSAL PROCEDURES

Steps to be taken in case material is released or spilled. Eliminate all sources of ignition and flush with large quantities of water spray.
Waste Disposal Method: Follow all local, state and federal regulations. Atomize into an incinerator where appropriate federal, state and local regulations allow.
Precautions to be taken in handling and storing. Flammable. Keep away from sparks, flames, or high temperatures.
Other precautions: Keep out of reach of children.

## SECTION 8 - CONTROL MEASURES

Respiratory Protection (specify type) NA
Ventilation: Local exhaust
Protective gloves: NA
Eye Protection: Goggles: Use eye bath if eye contact occurs.
Other protective clothing or equipment: NA
Work/hygienic practices: Good hygienic practice.

## SECTION 9 -- ADDITIONAL INFORMATION

Safety and Hazard Ratings: (Minimal = 0; Slight = 1; Moderate = 2; Severe = 3; Extreme = 4)

Health (Acute-Chronic): 0      Flammability: 3      Reactivity: 0      Environment (Air-Water-Soil):

## SECTION: 10 REGULATORY INFORMATION

**USA State Regulations: product class 4.1 with exemption A-46**

## SECTION 11 - ADDITIONAL INFORMATION

*The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable.*

*Medline Industries, Inc. provides no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein.*

### Document Revision History:

Issued:	December 12, 2006	March 4, 2010	New document
Revised:	March 4, 2010	Added item number	