

1. Product and Company Identification

Product Name	PDI Adhesive Tape Remover Pads	MSDS No. 0009
CAS #	Mixture	
Product use	Remover	
Manufacturer	Professional Disposables International, Inc. Two Nice-Pak Park Orangeburg, NY 10962-1376 or Distributed By: Nice-Pak Products (Canada) Ltd., Toronto ON M9L1V8 Phone: (USA) 1-845-365-1700 (M-F 8am - 5pm) Phone: (CANADA) 1-800-263-7067	

2. Hazards Identification

Emergency overview	For external use only. DANGER FLAMMABLE LIQUID. Keep away from open flame and sources of heat. CAUSES EYE IRRITATION. Contains a potential teratogen.
Potential short term health effects	
Routes of exposure	Eye, Skin contact, Inhalation, Ingestion.
Eyes	Causes irritation.
Skin	Non-irritating based on test data. In case of skin irritation, discontinue use of the product.
Inhalation	Not a normal route of exposure. May cause respiratory tract irritation.
Ingestion	Not a normal route of exposure. May cause stomach distress, nausea or vomiting.
Target organs	Eyes. Respiratory system. Skin.
Chronic effects	The finished product is not expected to have chronic health effects.
Signs and symptoms	Eye irritation
OSHA Regulatory Status	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
Potential environmental effects	See section 12.

3. Composition / Information on Ingredients

Ingredient(s)	CAS #	Percent
Naphtha (petroleum), hydrotreated heavy	64742-48-9	60 - 100
Fatty acids, C14-18, isopropyl esters	70750-32-2	3 - 7
Isopropyl Alcohol	67-63-0	3 - 7
Solvent naphtha (petroleum), light aliphatic	64742-89-8	10 - 30
Xylene	1330-20-7	0.1 - 1

4. First Aid Measures

First aid procedures	
Eye contact	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
Skin contact	In case of skin irritation, discontinue use of product.
Inhalation	Not a normal route of exposure. If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
Ingestion	Not a normal route of exposure. Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.
Notes to physician	Treat patient symptomatically.

General advice

Keep away from sources of ignition. No smoking. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

5. Fire Fighting Measures

Flammable properties	The flashpoint of the liquid within this product is 60°F (15.55°C) (CC).
Extinguishing media	
Suitable extinguishing media	Dry chemical. Water spray. Carbon dioxide.
Unsuitable extinguishing media	Not available
Protection of firefighters	
Specific hazards arising from the chemical	Not available
Protective equipment for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus.
Hazardous combustion products	May include and are not limited to: Oxides of carbon.
Explosion data	
Sensitivity to mechanical impact	Not available
Sensitivity to static discharge	Not available

6. Accidental Release Measures

Personal precautions	Avoid contact with eyes.
Environmental precautions	Do not discharge into lakes, streams, ponds or public waters.
Methods for containment	Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Remove sources of ignition. Pick up and discard towel.

7. Handling and Storage

Handling	Use good industrial hygiene practices in handling this material. When using do not eat or drink. Wash hands before breaks and immediately after handling the product. Use according to package label instructions.
Storage	Keep out of reach of children. Do not store at temperatures above 120°F (49°C). Store in a closed container away from incompatible materials. Keep away from heat, open flames or other sources of ignition.

8. Exposure Controls / Personal Protection

Exposure limits

Ingredient(s)	Exposure Limits
Fatty acids, C14-18, isopropyl esters	ACGIH-TLV Not established OSHA-PEL Not established
Isopropyl Alcohol	ACGIH-TLV TWA: 200 ppm STEL: 400 ppm OSHA-PEL TWA: 400 ppm
Naphtha (petroleum), hydrotreated heavy	ACGIH-TLV Not established OSHA-PEL Not established
Solvent naphtha (petroleum), light aliphatic	ACGIH-TLV Not established OSHA-PEL Not established
Xylene	ACGIH-TLV TWA: 100 ppm STEL: 150 ppm OSHA-PEL TWA: 100 ppm

Engineering controls

General ventilation normally adequate.

Personal protective equipment

Eye / face protection

Wear gear as deemed necessary. Follow label directions.

Hand protection

Wear as deemed necessary, follow label directions.

Skin and body protection

As required by employer code.

Respiratory protection

Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.
 When using do not eat or drink.
 Washing with soap and water after use is recommended as good hygienic practice to prevent possible eye irritation from hand contact.

9. Physical and Chemical Properties

Appearance	Liquid saturated on wipe
Color	Clear, colorless liquid
Form	Liquid saturated on wipe.
Odor	Alcohol
Odor threshold	Not available
Physical state	Solid
pH	Not available
Melting point	Not available
Freezing point	Not available
Boiling point	Not available
Pour point	Not available
Evaporation rate	Not available
Flash point	60 °F (15.55 °C) (Liquid)
Auto-ignition temperature	Not available

Flammability limits in air, lower, % by volume	Not applicable
Flammability limits in air, upper, % by volume	Not applicable
Vapor pressure	Not available
Vapor density	Not available
Specific gravity	Not available
Octanol/water coefficient	Not available
Percent volatile	Not available

10. Stability and Reactivity

Reactivity	This product may react with strong oxidizing agents.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Avoid high temperatures. Do not mix with other chemicals.
Incompatible materials	Oxidizers. Acids. Caustics.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon.

11. Toxicological Information

Component analysis - LC50

Ingredient(s)	LC50
Fatty acids, C14-18, isopropyl esters	Not available
Isopropyl Alcohol	16970 mg/l/4h rat
Naphtha (petroleum), hydrotreated heavy	Not available
Solvent naphtha (petroleum), light aliphatic	1400 mg/l/4h rat
Xylene	Not available

Component analysis - Oral LD50

Ingredient(s)	LD50
Fatty acids, C14-18, isopropyl esters	10000 mg/kg rat
Isopropyl Alcohol	4396 mg/kg rat
Naphtha (petroleum), hydrotreated heavy	5000 mg/kg rat
Solvent naphtha (petroleum), light aliphatic	5000 mg/kg rat
Xylene	4300 mg/kg rat

Effects of acute exposure

Eye	Causes irritation.
Skin	Non-irritating based on test data. In case of skin irritation, discontinue use of the product.
Inhalation	Not a normal route of exposure. May cause respiratory tract irritation.
Ingestion	Not a normal route of exposure. May cause stomach distress, nausea or vomiting.

Sensitization Non-hazardous by WHMIS/OSHA criteria.

Chronic effects Non-hazardous by WHMIS/OSHA criteria.

Carcinogenicity See below.

ACGIH - Threshold Limit Values - Carcinogens

Isopropyl Alcohol	67-63-0	A4 - Not Classifiable as a Human Carcinogen
Xylene	1330-20-7	A4 - Not Classifiable as a Human Carcinogen

IARC - Group 3 (Not Classifiable)

Isopropyl Alcohol	67-63-0	Monograph 71 [1999]; Supplement 7 [1987]; Monograph 15 [1977]
Xylene	1330-20-7	Monograph 71 [1999]; Monograph 47 [1989]

Mutagenicity Non-hazardous by WHMIS/OSHA criteria.

Reproductive effects Non-hazardous by WHMIS/OSHA criteria.

Teratogenicity Contains a potential teratogen.

Name of Toxicologically Synergistic Products Not available

12. Ecological Information

Ecotoxicity Components of this product have been identified as having potential environmental concerns.

Ecotoxicity - Freshwater Algae - Acute Toxicity Data

Isopropyl Alcohol	67-63-0	96 Hr EC50 Desmodesmus subspicatus: >1000 mg/L; 72 Hr EC50 Desmodesmus subspicatus: >1000 mg/L
Solvent naphtha (petroleum), light aliphatic	64742-89-8	72 Hr EC50 Pseudokirchneriella subcapitata: 4700 mg/L

Ecotoxicity - Freshwater Fish - Acute Toxicity Data

Isopropyl Alcohol	67-63-0	96 Hr LC50 Pimephales promelas: 9640 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: 11130 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: >1400000 µg/L
Naphtha (petroleum), hydrotreated heavy	64742-48-9	96 Hr LC50 Pimephales promelas: 2200 mg/L
Xylene	1330-20-7	96 Hr LC50 Pimephales promelas: 13.4 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 2.661-4.093 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 13.5-17.3 mg/L; 96 Hr LC50 Lepomis macrochirus: 13.1-16.5 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 19 mg/L; 96 Hr LC50 Lepomis macrochirus: 7.711-9.591 mg/L [static]; 96 Hr LC50 Pimephales promelas: 23.53-29.

Ecotoxicity - Water Flea - Acute Toxicity Data

Isopropyl Alcohol	67-63-0	48 Hr EC50 Daphnia magna: 13299 mg/L
Naphtha (petroleum), hydrotreated heavy	64742-48-9	96 Hr LC50 Chaetogammarus marinus: 2.6 mg/L
Xylene	1330-20-7	48 Hr EC50 water flea: 3.82 mg/L; 48 Hr LC50 Gammarus lacustris: 0.6 mg/L

Persistence / degradability	Not available
Bioaccumulation / accumulation	Not available
Mobility in environmental media	Not available
Environmental effects	Not available
Aquatic toxicity	Not available
Partition coefficient	Not available
Chemical fate information	Not available
Other adverse effects	Not available

13. Disposal Considerations

Disposal instructions	Review federal, state/provincial, and local government requirements prior to disposal. Discard with solid waste.
Waste from residues / unused products	Not available
Contaminated packaging	Not available

14. Transport Information

U.S. Department of Transportation (DOT)

Not regulated as dangerous goods.

Transportation of Dangerous Goods (TDG - Canada)

Not regulated as dangerous goods.

15. Regulatory Information

Canadian federal regulations This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Canada - WHMIS - Ingredient Disclosure List

Isopropyl Alcohol	67-63-0	1 %
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WHMIS classification Exempt - Notified cosmetic under the Food & Drugs Act

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical	Yes
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US Federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

Xylene 1330-20-7 100 Lb final RQ; 45.4 kg final RQ

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

Isopropyl Alcohol 67-63-0 1.0 % de minimis concentration (only if manufactured by the strong acid process, no supplier notification)

Xylene 1330-20-7 1.0 % de minimis concentration

U.S. - CWA (Clean Water Act) - Hazardous Substances

Xylene 1330-20-7 Present

CERCLA (Superfund) reportable quantity

Xylene: 100.0000

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
 Immediate Hazard - Yes
 Delayed Hazard - Yes
 Fire Hazard - Yes
 Pressure Hazard - No
 Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

Clean Air Act (CAA) Not available

Clean Water Act (CWA) Hazardous substance

State regulations This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

U.S. - California - 8 CCR Section 339 - Director's List of Hazardous Substances

Isopropyl Alcohol 67-63-0 Present

Xylene 1330-20-7 Present

U.S. - Illinois - Toxic Air Contaminants

Xylene 1330-20-7 Present

U.S. - Louisiana - Reportable Quantity List for Pollutants

Xylene 1330-20-7 100 Lb final RQ; 45.4 kg final RQ

U.S. - Massachusetts - Right To Know List

Isopropyl Alcohol 67-63-0 Present

Xylene 1330-20-7 Present

U.S. - Michigan - Critical Materials List

Xylene 1330-20-7 100 Lb Annual usage threshold (all isomers)

U.S. - Minnesota - Hazardous Substance List

Isopropyl Alcohol 67-63-0 Present

Xylene 1330-20-7 Present (including all isomers)

U.S. - New Jersey - Right to Know Hazardous Substance List

Isopropyl Alcohol 67-63-0 sn 1076

Xylene 1330-20-7 sn 2014

U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances

Xylene 1330-20-7 1000 Lb RQ (air); 1 lb RQ (land/water)

U.S. - North Carolina - Control of Toxic Air Pollutants

Xylene 1330-20-7 2.7 mg/m3 (chronic toxicants); 65 mg/m3 (acute irritants)

U.S. - Pennsylvania - RTK (Right to Know) List

Isopropyl Alcohol 67-63-0 Environmental hazard

Xylene 1330-20-7 Environmental hazard

U.S. - Rhode Island - Hazardous Substance List

Isopropyl Alcohol 67-63-0 Toxic; Flammable

Xylene 1330-20-7 Toxic (skin); Flammable (skin)

Inventory name

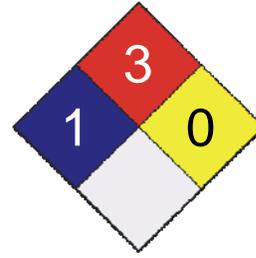
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	*	1
Flammability		3
Physical Hazard		0
Personal Protection		



Disclaimer

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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Prepared by

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Other information

For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.