

# Material Safety Data Sheet

Material Name: Un-Du Adhesive Remover

## \*\*\* Section 1 - Chemical Product and Company Identification \*\*\*

### Distributor Information

Uline  
2200 S. Lakeside Dr  
Waukegan, IL 60085

Phone: 847-473-3000  
Fax: 847-473-5157

## \*\*\* Section 2 - Hazards Identification \*\*\*

### Emergency Overview

Extremely Flammable. Harmful if swallowed or inhaled. Causes irritation.

### Potential Health Effects: Eyes

May cause irritation.

### Potential Health Effects: Skin

May cause irritation.

### Potential Health Effects: Ingestion

Harmful if swallowed.

### Potential Health Effects: Inhalation

May cause respiratory tract irritation.

### HMIS Ratings: Health: 1 Fire: 3 HMIS Reactivity 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

## \*\*\* Section 3 - Composition / Information on Ingredients \*\*\*

CAS #	Component	Percent
142-82-5	Heptane (n-)	90-100

## \*\*\* Section 4 - First Aid Measures \*\*\*

### First Aid: Eyes

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.

### First Aid: Skin

In case of contact, immediately flush skin with plenty of water for at least 15 minutes

### First Aid: Ingestion

Call a physician. If swallowed, do not induce vomiting.

### First Aid: Inhalation

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

## \*\*\* Section 5 - Fire Fighting Measures \*\*\*

### General Fire Hazards

See Section 9 for Flammability Properties.

Vapors may flow along surfaces to distant ignition sources and flash back. Closed containers exposed to heat may explode. Contact with strong oxidizers may cause fire.

### Hazardous Combustion Products

Oxides of carbon

### Extinguishing Media

Use alcohol foam, dry chemical or carbon dioxide. (Water may be ineffective.)

### Fire Fighting Equipment/Instructions

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire exposed containers cool.

### NFPA Ratings: Health: 1 Fire: 3 Reactivity: 0

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

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## \*\*\* Section 6 - Accidental Release Measures \*\*\*

### Containment Procedures

Wear suitable protective clothing. Shut off ignition sources; no flares, smoking or flames in area. Stop leak if you can do so without risk. Use water spray to reduce vapors.

### Clean-Up Procedures

Take up with sand or other noncombustible absorbent material and place into container for later disposal. Flush area with water.

### Evacuation Procedures

Isolate area. Keep unnecessary personnel away.

### Special Procedures

None.

## \*\*\* Section 7 - Handling and Storage \*\*\*

### Handling Procedures

Avoid sources of ignition. Use good industrial hygiene when handling.

### Storage Procedures

Bond and ground containers when transferring liquid. Keep container tightly closed. Store in a cool, dry, well-ventilated, flammable liquid storage area. Do not store above 110°F.

## \*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\*

### A: Component Exposure Limits

#### Heptane (n-) (142-82-5)

ACGIH: 400 ppm TWA  
500 ppm STEL

OSHA: 400 ppm TWA; 1600 mg/m3 TWA  
500 ppm STEL; 2000 mg/m3 STEL

NIOSH: 85 ppm TWA; 350 mg/m3 TWA  
440 ppm Ceiling (15 min); 1800 mg/m3 Ceiling (15 min)

### Engineering Controls

Use General or local exhaust ventilation to meet TLV requirements

### PERSONAL PROTECTIVE EQUIPMENT

#### Personal Protective Equipment: Eyes/Face

Safety glasses with sideshields.

#### Personal Protective Equipment: Skin

Neoprene gloves are recommended.

#### Personal Protective Equipment: Respiratory

Respiratory protection required if airborne concentration exceeds TLV. At concentrations up to 850 PPM, a chemical cartridge respirator with organic vapor cartridge is recommended. Above this level, a self-contained breathing apparatus is recommended.

#### Personal Protective Equipment: General

Eye wash fountain and emergency showers are recommended.

## \*\*\* Section 9 - Physical & Chemical Properties \*\*\*

<b>Appearance:</b>	Volatile Liquid	<b>Odor:</b>	Mold
<b>Physical State:</b>	Liquid	<b>pH:</b>	ND
<b>Vapor Pressure:</b>	NA	<b>Vapor Density:</b>	3.5
<b>Boiling Point:</b>	98°C (208°F)	<b>Melting Point:</b>	-91°C (-132°F)
<b>Solubility (H2O):</b>	Negligible	<b>Specific Gravity:</b>	0.68
<b>Evaporation Rate:</b>	4.3	<b>VOC:</b>	ND
<b>Percent Volatile:</b>	100	<b>Octanol/H2O Coeff.:</b>	ND
<b>Flash Point:</b>	-4°C (25°F)	<b>Flash Point Method:</b>	CC
<b>Upper Flammability Limit (UFL):</b>	6.7	<b>Lower Flammability Limit (LFL):</b>	1.05
<b>Burning Rate:</b>	ND	<b>Auto Ignition:</b>	ND

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## \*\*\* Section 10 - Chemical Stability & Reactivity Information \*\*\*

### Chemical Stability

This is a stable material.

### Chemical Stability: Conditions to Avoid

Heat, flame, other sources of ignition.

### Incompatibility

Strong oxidizing agents, Chlorine, Phosphorus, Chlorosulfonic Acid

### Hazardous Decomposition

Carbon Monoxide, Carbon Dioxide

### Possibility of Hazardous Reactions

Will not occur.

## \*\*\* Section 11 - Toxicological Information \*\*\*

### Acute Dose Effects

#### A: General Product Information

No information available for the product.

#### B: Component Analysis - LD50/LC50

##### Heptane (n-) (142-82-5)

Inhalation LC50 Rat: 103 g/m<sup>3</sup>/4H; Oral LD50 Mouse:5000 mg/kg; Dermal LD50 Rabbit:3000 mg/kg

### Carcinogenicity

#### A: General Product Information

No information available for the product.

#### B: Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

## \*\*\* Section 12 - Ecological Information \*\*\*

### Ecotoxicity

#### A: General Product Information

No information available for the product.

#### B: Component Analysis - Ecotoxicity - Aquatic Toxicity

##### Heptane (n-) (142-82-5)

###### Test & Species

96 Hr LC50 Cichlid fish

375.0 mg/L

24 Hr EC50 Daphnia magna

>10 mg/L

###### Conditions

## \*\*\* Section 13 - Disposal Considerations \*\*\*

### US EPA Waste Number & Descriptions

### Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

### Disposal Instructions

All wastes must be handled in accordance with local, state and federal regulations.

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

## \*\*\* Section 14 - Transportation Information \*\*\*

### US DOT Information

Shipping Name: Petroleum Distillates, n.o.s

UN/NA #: 1268 Hazard Class: 3 Packing Group: III

### TDG Information

Shipping Name: Petroleum Distillates, n.o.s

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## \*\*\* Section 15 - Regulatory Information \*\*\*

### US Federal Regulations

#### Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

### State Regulations

#### Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Heptane (n-)	142-82-5	Yes	Yes	Yes	Yes	Yes	Yes

#### Component Analysis - WHMIS IDL

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

Component	CAS #	Minimum Concentration
Heptane (n-)	142-82-5	1 %

### Additional Regulatory Information

#### Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Heptane (n-)	142-82-5	Yes	DSL	EINECS

## \*\*\* Section 16 - Other Information \*\*\*

### Other Information

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

### Key/Legend

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.