



# Safety Data Sheet

## HERC

### SECTION 1. IDENTIFICATION

**Product Identifier** HERC  
**Other Means of Identification** Code 175  
**Recommended Use** Bitumen, Asphalt and Tar Remover.  
**Restrictions on Use** Use only as directed according to label instructions.  
**Manufacturer** Leysons Products, a division of 1787528 Ontario Inc., 1366 Sandhill Drive, Ancaster, Ontario, L9G 4V5, (905) 648-7832  
**Emergency Phone No.** CANUTECH, 613-996-6666, 24-hr for Emergencies involving Dangerous Goods  
**SDS No.** 0632

### SECTION 2. HAZARD IDENTIFICATION

#### Classification

Flammable liquid - Category 4; Skin irritation - Category 2; Eye irritation - Category 2B; Aspiration hazard - Category 1

#### Label Elements



#### Warning

Combustible liquid.

May be fatal if swallowed and enters airways.

May cause respiratory irritation.

May cause skin or eye irritation.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Dearomatised Hydrocarbons	64742-47-8	80-90		
Coconut Diethanolamide	68603-42-9	1-5		
Alcohols, C9-11, ethoxylated, liquids	68439-46-3	5-10		

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

If irritation is experienced, remove person to fresh air.

Get medical advice or attention if you feel unwell or are concerned.

##### Skin Contact

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Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes.

Remove contaminated clothing and shoes.

If skin irritation occurs, get medical advice or attention.

#### **Eye Contact**

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open.

If eye irritation persists, get medical advice or attention.

#### **Ingestion**

In case of ingestion, call a doctor or anti-poison Centre.

### **Most Important Symptoms and Effects, Acute and Delayed**

May irritate the respiratory system.

Harmful if swallowed.

May cause skin irritation on prolonged contact.

May cause moderate to severe eye irritation.

### **Immediate Medical Attention and Special Treatment**

#### **Target Organs**

Eyes, skin, respiratory system, digestive system, nervous system.

#### **Medical Conditions Aggravated by Exposure**

Asthma, skin allergies.

## **SECTION 5. FIRE-FIGHTING MEASURES**

### **Extinguishing Media**

#### **Suitable Extinguishing Media**

Carbon dioxide, dry chemical powder or appropriate foam.

### **Specific Hazards Arising from the Product**

If involved in a fire, it may generate oxides of carbon, nitrogen or ammonia if heated above its boiling point.

### **Special Protective Equipment and Precautions for Fire-fighters**

Wear full fire fighting equipment and respirator.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment, and Emergency Procedures**

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

Increase ventilation to area or move leaking container to a well-ventilated and secure area.

### **Environmental Precautions**

If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas.

Large quantities of concentrated material should be contained with a suitable absorbent and then disposed with according to local or federal regulations.

### **Methods and Materials for Containment and Cleaning Up**

Eliminate all sources of ignition, flames or sources of electrical discharge.

Use non-sparking tools and explosion proof equipment in the case of large spills.

Contain and/or absorb spill with commercial absorbents and then place into a suitable container for disposal.

Use ventilation adequate to keep exposures (airborne levels of fumes / vapours) below recommended exposure limits.

## **SECTION 7. HANDLING AND STORAGE**

### **Precautions for Safe Handling**

Do not get in eyes, on skin or on clothing.

Only use where there is adequate ventilation.

Eliminate heat and ignition sources such as sparks, open flames, hot surfaces and static discharge. Post "No Smoking" signs.

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Do not breath gas/fumes/vapour/spray.  
Do NOT ingest.  
Keep containers tightly sealed when not in use.

#### Conditions for Safe Storage

Store in a cool dry area away from incompatible materials.  
Keep out of reach of children in a tightly closed container away from food, drink and animal feed.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Coconut Diethanolamide	Not established					
Alcohols, C9-11, ethoxylated, liquids	Not established		Not established			
Dearomatised Hydrocarbons	200 mg/m3					

### Appropriate Engineering Controls

Use ventilation adequate to keep exposures (airborne levels of vapour) below the recommended exposure limits.  
Use local exhaust ventilation and enclosure, if necessary, to control amount in the air.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

#### Skin Protection

Wear protective gloves and clothing to prevent skin contact.

#### Respiratory Protection

Use in well ventilated areas. In case of insufficient ventilation, wear suitable respiratory equipment.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Clear colourless liquid.
Odour	Low odour
pH	Not applicable
Melting Point/Freezing Point	Not available (freezing)
Initial Boiling Point/Range	Not available
Flash Point	~ 115 °C (239 °F)
Flammability (solid, gas)	Not available
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available
Solubility	Dispersible in water
<b>Other Information</b>	
Physical State	Liquid
Bulk Density	~ 0.828 kg/L

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

**Chemical Stability**

Normally stable.

**Possibility of Hazardous Reactions**

May catch fire.

**Conditions to Avoid**

High temperatures.

Freezing.

Incompatible materials.

**Incompatible Materials**

Strong acids (e.g. hydrochloric acid), strong oxidizing agents (e.g. perchloric acid), strong reducing agents (e.g. hydrides), strong bases (e.g. sodium hydroxide).

**Hazardous Decomposition Products**

May include but are not limited to oxides of carbon, nitrogen and ammonia.

**SECTION 11. TOXICOLOGICAL INFORMATION****Likely Routes of Exposure**

Inhalation.

Skin contact.

Skin absorption.

Eye contact.

Ingestion.

**Acute Toxicity**

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Coconut Diethanolamide		> 3000 mg/kg (rat)	> 2000 mg/kg (rabbit)
Alcohols, C9-11, ethoxylated, liquids		1378 mg/kg (rat)	> 2000 mg/kg (rabbit)
Dearomatised Hydrocarbons	> 6.03 mg/L (rat) (4-hour exposure)	> 5000 mg/kg (rat)	> 2000 mg/kg (rabbit)

**Skin Corrosion/Irritation**

May cause irritation or symptoms such as redness, edema, drying, defatting or cracking of the skin.

**Serious Eye Damage/Irritation**

May cause moderate to severe eye irritation if not flushed with water immediately.

**STOT (Specific Target Organ Toxicity) - Single Exposure****Inhalation**

May cause irritation of the respiratory system.

**Skin Absorption**

May cause irritation on prolonged contact.

**Ingestion**

Harmful if swallowed.

**Aspiration Hazard**

May be drawn into the lungs (aspirated) if swallowed or vomited.

**STOT (Specific Target Organ Toxicity) - Repeated Exposure**

No chronic effects are expected provided adequate person protection is taken during usage.

**Respiratory and/or Skin Sensitization**

Not expected to produce any respiratory system problems when used in a well ventilated area.

**Carcinogenicity**

Not known to cause cancer.

## Reproductive Toxicity

### Development of Offspring

Not known to harm the unborn child.

### Sexual Function and Fertility

Not known to cause effects on sexual function or fertility.

### Effects on or via Lactation

Not known to cause effects on or via lactation.

## Germ Cell Mutagenicity

Not known to be a mutagen.

## SECTION 12. ECOLOGICAL INFORMATION

### Persistence and Degradability

Biodegradable with a low order of toxicity.

### Bioaccumulative Potential

No information was located.

### Mobility in Soil

No information was located.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations.

## SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations.

### Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

#### WHMIS 1988 Classification



Class B3



Class D2B

B3 - Combustible Liquid; D2B - Toxic (Skin irritant; Eye irritant)

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

## SECTION 16. OTHER INFORMATION

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<b>Phone No.</b>	(905) 648-7832 ext 351
<b>Date of Preparation</b>	September 10, 2018
<b>Disclaimer</b>	The user of this product assumes all risks incident to the use of this product.

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To the best of our knowledge, the information contained herein is accurate.  
However, the supplier assumes no liability whatsoever for the accuracy or completeness of the information contained herein.  
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The data contained on this sheet apply to the products supplied to the user.

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