

## Fabrigard (Bulk)

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Fabrigard (Bulk)
<b>Other Means of Identification</b>	00516, 00497
<b>Recommended Use</b>	Water and Stain Repellent.
<b>Restrictions on Use</b>	None known.
<b>Manufacturer</b>	Sluyter Company Ltd., 375 Steelcase Road East, Markham, ON, L3R 1G3, Canada, Technical Department, (905) 475-6011, www.sluyter.com
<b>Emergency Phone No.</b>	CANUTEC, 1-888-226-8832 , or *666 on a cellular phone.
<b>SDS No.</b>	0058
<b>Date of Preparation</b>	March 15, 2018

### SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015).

#### Classification

Flammable liquid - Category 2; Eye irritation - Category 2A

#### Label Elements



Signal Word:

Danger

Hazard Statement(s):

Harmful if swallowed or if inhaled.

Causes skin irritation.

Causes serious eye irritation.

May cause respiratory irritation.

May cause drowsiness or dizziness.

May damage fertility or the unborn child.

May cause damage to organs through prolonged or repeated exposure.

Precautionary Statement(s):

Prevention:

Obtain special instructions before use.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Keep container tightly closed.

Keep only in original container.

Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Immediately call a POISON CENTRE/doctor/

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Storage:

Store in a dry place. Store in a closed container.

Disposal:

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

#### **Other Hazards**

May be a fire hazard in a confined space.

### **SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Mixture:

<b>Chemical Name</b>	<b>CAS No.</b>	<b>%</b>	<b>Other Identifiers</b>	<b>Other Names</b>
n-Heptane	142-82-5	60 - 80		
Fluorochemical Urethane	Trade Secret	3 - 10		

### **SECTION 4. FIRST-AID MEASURES**

#### **First-aid Measures**

##### **Inhalation**

Remove source of exposure or move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

##### **Skin Contact**

Wash with plenty of water. Take off immediately contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Get medical advice or attention if you feel unwell or are concerned.

##### **Eye Contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 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**

Immediately call a Poison Centre or doctor. Do not induce vomiting. Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting.

##### **First-aid Comments**

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

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

If inhaled: small amounts can cause effects as described for inhalation. Symptoms may include coughing, shortness of breath, difficult breathing and tightness in the chest. If on skin: can cause effects as described for skin contact. If in eyes: small amounts may cause very mild irritation. May cause moderate to severe irritation. Symptoms include sore, red eyes, and tearing. If inhaled and/or swallowed: small amounts symptoms may include coughing, shortness of breath, difficult breathing and tightness in the chest. Symptoms may include coughing, choking, shortness of breath, difficult or rapid breathing and wheezing.

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

##### **Target Organs**

Eyes, lungs, respiratory system.

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

#### **Extinguishing Media**

##### **Suitable Extinguishing Media**

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

##### **Unsuitable Extinguishing Media**

Water is not effective for extinguishing a fire. It may not cool product below its flash point.

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

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Flammable liquid and vapour. Can ignite at room temperature. Releases vapour that can form explosive mixture with air. May travel a considerable distance to a source of ignition and flash back to a leak or open container.

In a fire, the following hazardous materials may be generated: corrosive, flammable ammonia; very toxic carbon monoxide, carbon dioxide.

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

Fight fire from a safe distance or a protected location. flammable or explosive atmosphere. Dike and recover contaminated water for appropriate disposal. Fight fire from a safe distance or a protected location.

A full-body encapsulating chemical protective suit with positive pressure SCBA may be necessary.

## 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. Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel.

### Environmental Precautions

It is good practice to prevent releases into the environment.

### Methods and Materials for Containment and Cleaning Up

Contact emergency services and manufacturer/supplier for advice. Place used absorbent into suitable, covered, labelled containers for disposal. Ventilate the area to prevent the gas from accumulating, especially in confined spaces.

### Other Information

Contact supplier, local fire and emergency services for help. Report spills to local health, safety and environmental authorities, as required.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

If used in a confined space: do not spray on an open flame or other ignition source. Do not pierce or burn container, even after use. Do not use near welding operations or other high energy sources. Avoid heating that will increase the amount of vapours. Obtain special instructions before use. Do not breathe in this product. Prevent skin contact. Avoid repeated or prolonged skin contact. Do not get in eyes. Do not get in eyes, on skin or on clothing. Only use where there is adequate ventilation. Avoid generating vapours or mists. Do not puncture or incinerate container even when empty. Do NOT smoke in work areas.

### Conditions for Safe Storage

Store in an area that is: cool, well-ventilated, out of direct sunlight and away from heat and ignition sources.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
n-Heptane	400 ppm	500 ppm	500 mg/m3			

### Appropriate Engineering Controls

Concentrated product: in a confined space: do not allow product to accumulate in the air in work or storage areas, or in confined spaces. Use local exhaust ventilation and enclosure, if necessary, to control amount in the air. Exhaust directly to the outside, taking any necessary precautions for environmental protection. Provide eyewash in work area, if contact or splash hazard exists. Provide safety shower in work area, if contact or splash hazard exists.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles.

#### Skin Protection

Concentrated product: wear chemical protective clothing e.g. gloves, aprons, boots.

#### Respiratory Protection

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Concentrated product: wear a NIOSH approved particulate respirator equipped with an N95, R95, or P95 filter.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

<b>Appearance</b>	Colourless liquid.
<b>Odour</b>	Aromatic
<b>Odour Threshold</b>	Not available
<b>pH</b>	Not available
<b>Melting Point/Freezing Point</b>	Not applicable (melting); Not available (freezing)
<b>Initial Boiling Point/Range</b>	Not applicable
<b>Flash Point</b>	-4 °C (25 °F) (closed cup)
<b>Evaporation Rate</b>	Not available
<b>Flammability (solid, gas)</b>	Flammable solid.
<b>Upper/Lower Flammability or Explosive Limit</b>	6.7% (upper); 1.22% (lower)
<b>Vapour Pressure</b>	90 mm Hg at 20 °C
<b>Vapour Density (air = 1)</b>	> 1
<b>Relative Density (water = 1)</b>	0.7 - 0.8
<b>Solubility</b>	Practically insoluble in water
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not applicable (dynamic)
<b>Other Information</b>	
<b>Physical State</b>	Liquid
<b>Critical Temperature</b>	Not available

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use. Fire or projection hazard.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

### Conditions to Avoid

Open flames, sparks, static discharge, heat and other ignition sources. Accumulation of static charge. Freezing.

### Incompatible Materials

Oxidizing agents (e.g. peroxides), strong acids (e.g. hydrochloric acid), strong bases (e.g. sodium hydroxide).

### Hazardous Decomposition Products

None known.

## SECTION 11. TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

### Likely Routes of Exposure

Inhalation; skin contact; eye contact; ingestion.

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## Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
n-Heptane	> 5,000 mg/kg (rat)		

LC50: Not applicable.

LD50 (oral): Not applicable.

LD50 (dermal): Not applicable.

### Skin Corrosion/Irritation

Human experience shows mild irritation. Symptoms include slight redness and swelling.

### Serious Eye Damage/Irritation

Human experience shows serious eye irritation. May cause serious eye irritation based on information for closely related materials. Symptoms include sore, red eyes, and tearing. The vapour also irritates the eyes.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

Symptoms may include coughing, shortness of breath, difficult breathing and tightness in the chest.

#### Skin Absorption

Symptoms may include redness, rash, swelling and itching.

#### Ingestion

Can cause effects as described for inhalation.

### Aspiration Hazard

May be drawn into the lungs (aspirated) if swallowed or vomited. Symptoms may include coughing, choking, shortness of breath, difficult or rapid breathing, and wheezing.

### Carcinogenicity

Not a carcinogen.

Key to Abbreviations

Group 3 = Not classifiable as to its carcinogenicity to humans.

### Reproductive Toxicity

#### Development of Offspring

May harm the unborn child.

#### Sexual Function and Fertility

Not known to cause effects on sexual function or fertility. If inhaled: if inhaled and/or swallowed.

#### Effects on or via Lactation

No information was located.

### Germ Cell Mutagenicity

Not mutagenic.

No information was located for: Skin Corrosion/Irritation, Serious Eye Damage/Irritation, STOT (Specific Target Organ Toxicity) - Repeated Exposure, Respiratory and/or Skin Sensitization, Interactive Effects

## SECTION 12. ECOLOGICAL INFORMATION

Environmental information was not located.

### Ecotoxicity

No information was located.

#### Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
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n-Heptane	1.284 mg/L (Oncorhynchus mykiss (rainbow trout); 96-hour)			4.338 mg/L (Pseudokirchneriella subcapitata (algae); 72-hour)
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#### Persistence and Degradability

No information was located.

#### Bioaccumulative Potential

No information was located.

#### Mobility in Soil

No information was located.

#### Other Adverse Effects

This product contains volatile organic compounds.

### SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations. Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction. This product and its container must be disposed of as hazardous waste. Do NOT dump into any sewers, on the ground or into any body of water. Do not reuse empty containers. Dispose of or recycle empty containers through an approved waste management facility.

### SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	1206	Heptane ((Solution) )	3	II

**Environmental Hazards** Not applicable

**Special Precautions** Please note: Read safety instructions, SDS and emergency procedures before handling.

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

Not applicable

**Other Information** In containers up to 1 litre - this is shipped as Limited Quantity. If the shipment exceeds 500 kg in weight, this is shipped as Limited Quantity - HEPTANE SOLUTION 3.

### SECTION 15. REGULATORY INFORMATION

#### Safety, Health and Environmental Regulations

This section is not required by WHMIS.

#### Canada

##### WHMIS 1988 Classification

B2 - Flammable Liquid

##### CEPA - National Pollutant Release Inventory (NPRI)

(n-Heptane)

### SECTION 16. OTHER INFORMATION

**NFPA Rating** Health - 1 Flammability - 3 Instability - 0  
**SDS Prepared By** Sluyter Company Ltd  
**Phone No.** 905-475-6011

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**Revision Indicators** Date of Preparation.

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