

# Safety Data Sheet

## 1. Identification

|                             |                                                                                                                                                                                                                     |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Information.        | B167                                                                                                                                                                                                                |
| Product Name:               | Power Solvent                                                                                                                                                                                                       |
| Recommended Use.            | Professional Carpet Cleaning                                                                                                                                                                                        |
| Uses advised against.       | Professional Use Only                                                                                                                                                                                               |
| Supplier.                   | Legend Brands<br>Prochem<br>15180 Josh Wilson Road<br>Burlington, WA 98233<br>E-Mail: sds@legendbrands.com<br>800-932-3030<br><br>Legend Brands<br>4520 Eastgate Parkway<br>Mississauga, ON L4W 3W6<br>800-932-3030 |
| Emergency telephone number. | INFOTRAC 1-800-535-5053 (North America)<br>+1-352-323-3500 (International)                                                                                                                                          |

## 2. Hazards Identification

Classification in accordance with the Workplace Hazardous Materials Information System (WHMIS) 2015 based on the Hazardous Products Regulations (HPR).

Flammable Liquid, category 4  
Reproductive Toxicity, category 1B  
Skin Sensitizer, category 1

### GHS Pictograms



### Signal Word

Danger

### Unknown Acute Toxicity

2.0% of the mixture consists of ingredient(s) of unknown acute toxicity

### HAZARD STATEMENTS

Combustible liquid.

May cause an allergic skin reaction.

May damage fertility or the unborn child.

### Precautionary Statements - Prevention.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep away from heat. - No smoking.

Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.

Contaminated work clothing should not be allowed out of the workplace.

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

#### **Precautionary Statements - Response.**

IF ON SKIN: Wash with plenty of soap and water.

IF exposed or concerned: Get medical advice/attention.

If skin irritation or rash occurs: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

In case of fire: Use carbon dioxide to extinguish.

#### **Precautionary Statements - Storage.**

Store in a well-ventilated place. Keep cool.

Store locked up.

#### **Precautionary Statements - Disposal.**

Dispose of contents/ container to an approved waste disposal plant.

### **3. Composition/Information on Ingredients**

| <u>Chemical Name</u>                       | <u>CAS-No.</u> | <u>Wt. %</u> | <u>HMIRA</u> |
|--------------------------------------------|----------------|--------------|--------------|
| Distillates, petroleum, hydrotreated light | 64742-47-8     | 45-70        |              |
| Dipropylene Glycol Butyl Ether             | 29911-28-2     | 15-40        |              |
| N-METHYL-2-PYRROLIDONE                     | 872-50-4       | 1-5          |              |
| D-limonene                                 | 5989-27-5      | 1-5          |              |

### **4. First-aid Measures**

#### **Description of first-aid measures.**

##### **General advice.**

Call a physician if irritation develops or persists. Show this safety data sheet to the doctor in attendance. When symptoms persist or in all cases of doubt seek medical advice.

##### **Inhalation.**

Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration.

##### **Skin contact.**

If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.

##### **Eye contact.**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Call a physician if irritation develops or persists. Remove contact lenses, if present.

##### **Ingestion.**

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician immediately. Gently wipe or rinse the inside of the mouth with water.

##### **Symptoms.**

See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

##### **Notes to physician.**

Treat symptomatically.

### **5. Fire-fighting Measures**

#### **Extinguishing media.**

##### **Suitable extinguishing media.**

Water spray. Foam. Dry powder. Dry chemical. Alcohol-resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Carbon dioxide (CO<sub>2</sub>).

##### **Extinguishing media which shall not be used for safety reasons.**

High volume water jet.

#### **Special hazards arising from the substance or mixture.**

Flash back possible over considerable distance. Hazardous decomposition products formed under fire conditions.

#### **Advice for firefighters.**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures.

#### **Personal precautions.**

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Do not breathe vapors or spray mist.

#### **Advice for emergency responders.**

Remove all sources of ignition. Use personal protection recommended in Section 8.

### Environmental precautions.

Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. See Section 12 for additional Ecological information.

### Methods and materials for containment and cleaning up.

#### **Methods for Containment.**

Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers. Use personal protective equipment. Remove all sources of ignition.

#### **Methods for cleaning up.**

Use personal protective equipment as required.

### Reference to other sections.

See section 8 for more information.

## 7. Handling and Storage

### Conditions for safe storage, including any incompatibilities.

#### **Advice on safe handling.**

Handle in accordance with good industrial hygiene and safety practice. Keep away from sources of ignition - No smoking.

#### **Hygiene measures.**

See section 7 for more information.

#### **Storage Conditions.**

Keep containers tightly closed in a cool, well-ventilated place. Store in original container.

## 8. Exposure Controls/Personal Protection

### Ingredients with Occupational Exposure Limits

| <u>Chemical Name</u>                                            | <u>ACGIH TLV-TWA</u> | <u>ACGIH-TLV STEL</u> | <u>OSHA PEL-TWA</u> | <u>OSHA PEL-CEILING</u> |
|-----------------------------------------------------------------|----------------------|-----------------------|---------------------|-------------------------|
| Contains no substances with occupational exposure limit values. |                      |                       |                     |                         |

Contains no substances with occupational exposure limit values.

TLV = Threshold Limit Value TWA = Time Weighted Average PEL = Permissible Exposure Limit STEL = Short-Term Exposure Limit N.E. = Not Established

#### **Engineering Measures.**

Showers, eyewash stations, and ventilation systems.

#### **Personal protective equipment.**

##### **Eye/Face Protection.**

Safety glasses with side-shields.

##### **Skin and body protection.**

Wear suitable protective clothing.

##### **Respiratory protection.**

In case of insufficient ventilation wear suitable respiratory equipment.

## 9. Physical and chemical properties.

### Information on basic physical and chemical properties.

|                                           |                           |
|-------------------------------------------|---------------------------|
| Physical state                            | Liquid                    |
| Appearance                                | Clear                     |
| Color                                     | Colorless                 |
| Odor                                      | Citrus                    |
| Odor Threshold                            | No Information            |
| pH                                        | Not applicable            |
| Melting/freezing point., °C (°F)          | No Information            |
| Flash Point., °C (°F)                     | 67 (152.60)               |
| Boiling point/boiling range., °C (°F)     | 176 - 202 (348.8 - 395.6) |
| Evaporation rate                          | No Information Available  |
| Explosive properties.                     | No Information            |
| Vapor pressure.                           | No Information            |
| Vapor density.                            | No Information            |
| Specific Gravity. (g/cm <sup>3</sup> )    | 0.830                     |
| Water solubility.                         | Rinsable                  |
| Partition coefficient.                    | No Information            |
| Autoignition temperature., °C             | No Information            |
| Decomposition Temperature °C.             | No Information            |
| Viscosity, kinematic.                     | No Information            |
| <b>Other information.</b>                 |                           |
| Volatile organic compounds (VOC) content. | 3.0%                      |
| Density, lb/gal                           | No Information            |

## 10. Stability and Reactivity

### Reactivity.

Stable under normal conditions.

### Chemical stability.

Stable under recommended storage conditions.

### Possibility of hazardous reactions.

None known based on information supplied.

### Conditions to Avoid.

Strong oxidizing agents.

### Incompatible Materials.

None known based on information supplied.

### Hazardous Decomposition Products.

Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), dense black smoke.

## 11. Toxicological Information

### Information on toxicological effects.

Acute toxicity.

#### Product Information

No Information

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral) 130,728.1 mg/kg

#### Component Information.

| <u>CAS-No.</u> | <u>Chemical Name</u>   | <u>LD50 Oral</u>           | <u>LD50 Dermal</u> | <u>LC50 Inhalation</u> |
|----------------|------------------------|----------------------------|--------------------|------------------------|
| 872-50-4       | N-METHYL-2-PYRROLIDONE | 3914 mg/kg Rat             | 8000 mg/kg Rabbit  | N.I.                   |
| 5989-27-5      | D-limonene             | 5200 mg/kg, 4400 mg/kg Rat | >5000 mg/kg Rabbit | N.I.                   |

N.I. = No Information

### Skin corrosion/irritation.

SKIN IRRITANT.

### Eye damage/irritation.

No Information

### Respiratory or skin sensitization.

No Information

### Ingestion.

No Information

### Germ cell mutagenicity.

No Information

### Carcinogenicity.

No Information

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>IARC</u>  | <u>NTP</u> | <u>OSHA</u> |
|----------------|----------------------|--------------|------------|-------------|
| 5989-27-5      | D-limonene           | IARC Group 3 | -          | -           |

### Reproductive toxicity.

No Information

### Specific target organ systemic toxicity (single exposure).

No Information

### Specific target organ systemic toxicity (repeated exposure).

No Information

### Aspiration hazard.

No Information

### Primary Route(s) of Entry

No Information

## 12. Ecological Information

### Toxicity.

0.00% of the mixture consists of ingredient(s) of unknown aquatic toxicity

### Ecotoxicity effects.

| <u>Chemical Name</u>                                  | <u>Toxicity to algae</u>                    | <u>Toxicity to fish</u>                                                                                                  | <u>Toxicity to daphnia and other aquatic invertebrates</u> |
|-------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| Distillates, petroleum, hydrotreated light 64742-47-8 | -                                           | LC50 96 h Pimephales promelas 45 mg/L, LC50 96 h Lepomis macrochirus 2.2 mg/L, LC50 96 h Oncorhynchus mykiss 2.4 mg/L    | -                                                          |
| Dipropylene Glycol Butyl Ether 29911-28-2             | -                                           | LC50 96 h Poecilia reticulata 841 mg/L                                                                                   | -                                                          |
| N-METHYL-2-PYRROLIDONE 872-50-4                       | EC50 72 h Desmodesmus subspicatus >500 mg/L | LC50 96 h Lepomis macrochirus 832 mg/L, LC50 96 h Pimephales promelas 1072 mg/L, LC50 96 h Poecilia reticulata 1400 mg/L | EC50 48 h Daphnia magna 4897 mg/L                          |

|                         |   |                                                                                               |   |
|-------------------------|---|-----------------------------------------------------------------------------------------------|---|
| D-limonene<br>5989-27-5 | - | LC50 96 h Pimephales promelas<br>0.619 - 0.796 mg/L, LC50 96 h<br>Oncorhynchus mykiss 35 mg/L | - |
|-------------------------|---|-----------------------------------------------------------------------------------------------|---|

**Persistence and degradability.**

No data are available on the product itself.

**Bioaccumulative potential.**

Discharge into the environment must be avoided.

**CAS-No.**

872-50-4

**Chemical Name**

N-METHYL-2-PYRROLIDONE

**log POW**

-0.46

**Mobility in soil.**

No information

**Other adverse effects.**

No information

**13. Disposal Considerations****Waste Disposal Guidance.**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. Transport Information****DOT**

Hazard Class: Not regulated

**IMDG**

Hazard Class: Not regulated

**IATA**

Not regulated

**15. Regulatory Information****International Inventories:**

TSCA Complies

DSL Complies

DSL/NDL Complies

EINECS/ELINCS -

ENCS -

IECSC Complies

KECI -

PICCS -

AICS -

NZIoC Complies

**TCSI**

TSCA United States Toxic Substances Control Act Section 8(b) Inventory.

DSL Canadian Domestic Substances List.

DSL/NDL Canadian Domestic Substances List/Canadian Non-Domestic Substances List

EINECS/ELINCS European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances.

ENCS Japan Existing and New Chemical Substances.

IECSC China Inventory of Existing Chemical Substances.

KECL Korean Existing and Evaluated Chemical Substances.

PICCS Philippines Inventory of Chemicals and Chemical Substances.

AICS Australian Inventory of Chemical Substances.

NZIoC New Zealand Inventory of Chemicals.

TCSI Taiwan Chemical Substance Inventory

**CANADIAN WHMIS:**

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

WHMIS Class            B2,D2A

**16. Other Information**

Revision Date:                      12/8/2020                      Supersedes Date:                      New SDS

Reason for revision:              No Information

Datasheet produced by:          Regulatory Department

**HMIS Ratings:**

|         |   |               |   |                  |   |                      |   |
|---------|---|---------------|---|------------------|---|----------------------|---|
| Health: | 1 | Flammability: | 2 | Physical Hazard: | 0 | Personal Protection: | B |
|---------|---|---------------|---|------------------|---|----------------------|---|

**NFPA Ratings:**

|         |   |               |   |              |   |                      |   |
|---------|---|---------------|---|--------------|---|----------------------|---|
| Health: | 1 | Flammability: | 2 | Instability: | 0 | Physical & Chemical: | - |
|---------|---|---------------|---|--------------|---|----------------------|---|

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

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