DRUMMOND™
A LAWSON BRAND

# Safety Data Sheet

**Issue date** 21-May-2018 **Revision date** 13-Mar-2019 **Revision Number** 2

## 1. IDENTIFICATION

### Product identification

| | |
|---|---|
| Product identifier | Drummond™ Prizm PTFE Penetrating Gel Lubricant |
| Other means of identification | DA6881 |
| Recommended use | Lubricant |
| Restrictions on use | For industrial use only |

### Supplier

Corporate Headquarters:
Drummond™, A Lawson Brand
Lawson Products, Inc.
8870 W. Bryn Mawr Ave., Suite 900
Chicago, IL 60631
(866) 837-9908

Canadian Distribution Center:
Lawson Canada
7315 Rapistan Court
Mississauga, ON L5N 5Z4
(800) 323-5922

**24 Hour Emergency Phone Number** (888) 426-4851 (Prosar)

**Website** https://www.lawsonproducts.com

## 2. HAZARD(S) IDENTIFICATION

**Hazard Classification** This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

| | |
|---|---|
| Skin corrosion/irritation | Category 2 |
| Specific target organ toxicity (single exposure) | Category 3 |
| Aspiration toxicity | Category 1 |
| Flammable aerosols | Category 1 |
| Gases under pressure | Compressed gas |

### Symbol

**Signal word** DANGER

**Hazard statements**
H222 - Extremely flammable aerosol
H280 - Contains gas under pressure; may explode if heated
H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness

**Precautionary statements**

**General**
P101 - If medical advice is needed, have product container or label at hand
P102 - Keep out of reach of children
P103 - Read label before use.

**Prevention**
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 - Do not spray on an open flame or other ignition source
P251 - Pressurized container: Do not pierce or burn, even after use
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P264 - Wash face, hands and any exposed skin thoroughly after handling
P271 - Use only outdoors or in a well-ventilated area
P280 - Wear protective gloves

**Response**

**General**
P321 - For Specific treatment see section 4 of this sds

**Skin**
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P332 + P313 - If skin irritation occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse

**Inhalation**
P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P304 + P312 - IF INHALED: Call a POISON CENTER or doctor if you feel unwell

**Ingestion**
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P331 - Do NOT induce vomiting

**Storage**
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed
P405 - Store locked up
P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

**Disposal**
P501 - Dispose of contents/ container to an approved waste disposal plant

**Hazard(s) Not Otherwise Classified (HNOC)**
Not applicable.

**Physical Hazards Not Otherwise Classified (PHNOC)**
Not applicable.

**Unknown acute toxicity**
2.66E-06%

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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**Composition**
Mixture.

| Chemical name | CAS-No | Weight % |
|---|---|---|
| Propane/Isobutane/N-Butane | 68476-86-8 | 30-40 |

| | | |
|---|---|---|
| Petroleum distillates, hydrotreated heavy naphthenic | 64742-52-5 | 20-30 |
| Heptanes | 64742-49-0 | 10-20 |
| Polymeric Viscosity Modifier | MIXTURE | 10-20 |
| Petrolatum | 8009-03-8 | 1-10 |
| Naphtha (petroleum), hydrotreated heavy | 64742-48-9 | 0.1-1 |

The exact percentage (concentration) of composition has been withheld as a trade secret

## 4. FIRST-AID MEASURES

### Necessary first-aid measures

**Inhalation** Remove to fresh air. Provide oxygen if breathing is difficult. Artificial respiration and/or oxygen may be necessary. If breathing has stopped, contact emergency medical services immediately.

**Ingestion** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.

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

**Eye contact** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

**Most important symptoms (acute)** Causes skin irritation. Respiratory irritation. Harmful if swallowed.

**Most important symptoms (over-exposure)** Causes skin irritation. Respiratory irritation. Harmful if swallowed.

**Indication of any immediate medical attention and special treatment needed** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** Decomposition by contact with water may generate vapours which can be ignited by heat or open flame.

**Specific hazards** Sensitivity to static discharge.

**Special protective equipment for fire-fighters** 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** Avoid contact with eyes. Avoid breathing vapor or mist. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can.

**Methods and materials for containment and cleaning up** Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin, nail, or any other sharp object into opening on top of can.

**Conditions for safe storage, including any incompatibilities**

Keep containers tightly closed in a cool, well-ventilated place. No known incompatibilities.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

| Chemical name | OSHA PEL (TWA) | ACGIH OEL (TWA) | NIOSH - TWA |
|---|---|---|---|
| Propane/Isobutane/N-Butane | - | - | - |
| Petroleum distillates, hydrotreated heavy naphthenic | 5 mg/m³ TWA | 5 mg/m³ TWA | 10 mg/m³ STEL<br>5 mg/m³ TWA |
| Heptanes | - | - | - |
| Polymeric Viscosity Modifier | - | - | - |
| Petrolatum | - | - | - |
| Naphtha (petroleum), hydrotreated heavy | - | - | - |

**Appropriate engineering controls**

A safety shower and eye wash station should be available for emergency use. Ensure adequate ventilation.

**Individual protection measures, such as personal protective equipment**

**Eye protection**

Safety glasses with side-shields.

**Skin and body protection**

Chemical resistant apron. Protective gloves. Nitrile gloves are recommended.

**Respiratory protection**

If the exposure limits are exceeded, a NIOSH/MSHA approved respirator is recommended. Use a positive pressure supplied air respirator. Follow OSHA respirator regulations (29 CFR 1910.134) and if necessary, wear a MSHA/NIOSH approved respirator.

**Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice.

**Canadian Province Occupational Exposure Limits**

| Chemical name | Alberta OEL | British Columbia OEL | Manitoba OEL | New Brunswick - OEL | Newfoundland & Labrador - OEL | Nova Scotia - OEL | Ontario OEL | Prince Edward Island - OEL | Quebec OEL | Saskatchewan - OEL |
|---|---|---|---|---|---|---|---|---|---|---|
| Propane/Isobutane/N-Butane | - | - | - | - | - | - | - | - | - | - |
| Petroleum distillates, hydrotreated heavy naphthenic | 10 mg/m³ STEL<br>5 mg/m³ TWA | 0.2 mg/m³ TWA<br>1 mg/m³ TWA | 5 mg/m³ TWA | 10 mg/m³ STEL<br>5 mg/m³ TWA | 5 mg/m³ TWA | 5 mg/m³ TWA | 5 mg/m³ TWA | 5 mg/m³ TWA | 10 mg/m³ STEV<br>5 mg/m³ TWAEV | 10 mg/m³ STEL<br>5 mg/m³ TWA |
| Heptanes | - | - | - | - | - | - | - | - | - | - |
| Polymeric Viscosity Modifier | - | - | - | - | - | - | - | - | - | - |
| Petrolatum | - | - | - | - | - | - | - | - | - | - |
| Naphtha | - | - | - | - | - | - | - | - | - | - |

| Chemical name | Alberta OEL | British Columbia OEL | Manitoba OEL | New Brunswick - OEL | Newfoundland & Labrador - OEL | Nova Scotia - OEL | Ontario OEL | Prince Edward Island - OEL | Quebec OEL | Saskatchewan - OEL |
|---|---|---|---|---|---|---|---|---|---|---|
| (petroleum), hydrotreated heavy | | | | | | | | | | |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| **Physical state** | Aerosol |
| **Color** | Amber, Slightly hazy |
| **Odor** | light vanilla |
| **Odor threshold** | Not available |
| **pH** | Not applicable |
| **Melting point/range °C** | Not available |
| **Melting point/range °F** | Not available |
| **Boiling point/range °C** | Not available |
| **Boiling point/range °F** | Not available |
| **Flash point °C** | -97 |
| **Flash point °F** | -142 |
| **Flash point method used** | based on propellant |
| **Evaporation rate** | Not available |
| **Flammability (Solid, Gas)** | Not available |
| **Lower explosion limit** | Not available |
| **Upper explosion limit** | Not available |
| **Vapor pressure** | Not available |
| **Vapor density** | Not available |
| **Relative density** | 0.75 |
| **Solubility** | Practically insoluble in water |
| **Partition coefficient (n-octanol/water)** | Not available |
| **Autoignition temperature °C** | Not available |
| **Autoignition temperature °F** | Not available |
| **Decomposition temperature °C** | Not available |

**Decomposition temperature °F** Not available

**Viscosity** Not available

## 10. STABILITY AND REACTIVITY

**Reactivity** Not available.

**Chemical stability** Stable under recommended storage conditions.

**Possibility of hazardous reactions** None under normal conditions of use.

**Conditions to avoid** Avoid direct sunlight. Avoid extreme temperatures.

**Incompatible materials** No known incompatibilities.

**Hazardous decomposition products** Not available.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure** Inhalation. Eyes. Ingestion. Dermal.

**Symptoms** May cause irritation of respiratory tract. Irritation of the throat. May cause irritation of the respiratory system. Vapors may cause drowsiness and dizziness. Avoid breathing vapors or mists. Avoid contact with eyes. Causes serious eye irritation. Avoid contact with skin. Causes skin irritation. Repeated exposure may cause skin dryness or cracking. Prolonged skin contact may defat the skin and produce dermatitis. Harmful if swallowed. Aspiration hazard. Harmful or fatal if aspirated into the lungs from ingestion or vomiting.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure** Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. May be fatal if swallowed and enters airways. May cause respiratory irritation. May cause drowsiness and dizziness. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

**Numerical measures of toxicity**

| Chemical name | Inhalation LC50: | Dermal LD50: | Oral LD50: |
|---|---|---|---|
| Propane/Isobutane/N-Butane | - | - | - |
| Petroleum distillates, hydrotreated heavy naphthenic | = 2062 ppm ( Rat ) 4 h | > 2000 mg/kg ( Rabbit ) | > 5000 mg/kg ( Rat ) > 24 g/kg ( Rat ) |
| Heptanes | = 73680 ppm ( Rat ) 4 h | > 3160 mg/kg ( Rabbit ) > 2000 mg/kg ( Rabbit ) | > 5000 mg/kg ( Rat ) > 4300 mg/kg ( Rat ) |
| Polymeric Viscosity Modifier | - | - | - |
| Petrolatum | - | = 3600 mg/kg ( Rabbit ) | - |
| Naphtha (petroleum), hydrotreated heavy | > 8500 mg/m$^3$ ( Rat ) 4 h | > 3160 mg/kg ( Rabbit ) | > 6000 mg/kg ( Rat ) |

**ATEmix (dermal)** 5688 mg/kg

**ATEmix (oral)** 55220 mg/kg

**ATEmix (inhalation-gas)** Not available

**ATEmix (inhalation-vapor)** 61769 mg/l

**ATEmix (inhalation-dust/mist)** Not available

### Carcinogenicity

| Chemical name | ACGIH OEL - Carcinogens | IARC | OSHA RTK Carcinogens | NTP |
|---|---|---|---|---|
| Propane/Isobutane/N-Butane | - | - | - | - |
| Petroleum distillates, hydrotreated heavy naphthenic | A2 | Group 1 | Listed | Known Carcinogen |
| Heptanes | - | Group 3 | - | - |
| Polymeric Viscosity Modifier | - | - | - | - |
| Petrolatum | - | - | - | - |
| Naphtha (petroleum), hydrotreated heavy | - | - | - | - |

### Canadian Province carcinogenicity limits

| Chemical name | Alberta - Carcinogen | British Columbia - Carcinogen | Manitoba - Carcinogen | New Brunswick - Carcinogen | Nova Scotia - Carcinogen | Quebec - Carcinogen |
|---|---|---|---|---|---|---|
| Propane/Isobutane/N-Butane | - | - | - | - | - | - |
| Petroleum distillates, hydrotreated heavy naphthenic | - | IARC 1 | ACGIH A2<br>ACGIH A4 | - | ACGIH A2<br>ACGIH A4 | - |
| Heptanes | - | - | - | - | - | - |
| Polymeric Viscosity Modifier | - | - | - | - | - | - |
| Petrolatum | - | - | - | - | - | - |
| Naphtha (petroleum), hydrotreated heavy | - | - | - | - | - | - |

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

| Chemical name | Algae/aquatic plants | Fish |
|---|---|---|
| Propane/Isobutane/N-Butane | - | - |
| Petroleum distillates, hydrotreated heavy naphthenic | - | 5000: 96 h Oncorhynchus mykiss mg/L LC50 |
| Heptanes | - | 258: 96 h Salmo gairdneri mg/L LC50 static |
| Polymeric Viscosity Modifier | - | - |
| Petrolatum | - | - |
| Naphtha (petroleum), hydrotreated heavy | - | 2200: 96 h Pimephales promelas mg/L LC50 |

**Persistence and degradability** Not available.

**Bioaccumulation** Not available

| Chemical name | CAS-No | Partition coefficient (log Kow) |
|---|---|---|
| Propane/Isobutane/N-Butane<br>68476-86-8 | 68476-86-8 | <=2.8 |
| Petroleum distillates, hydrotreated heavy naphthenic<br>64742-52-5 | 64742-52-5 | - |
| Heptanes<br>64742-49-0 | 64742-49-0 | - |
| Polymeric Viscosity Modifier<br>MIXTURE | MIXTURE | - |
| Petrolatum<br>8009-03-8 | 8009-03-8 | - |
| Naphtha (petroleum), hydrotreated heavy<br>64742-48-9 | 64742-48-9 | - |

**Mobility in soil** Not available.

**Other adverse effects** Not applicable

## 13. DISPOSAL CONSIDERATIONS

**Disposal information** Discard container or liner in accordance with federal, state, and local regulations. As supplied, this product is a RCRA Hazardous Waste.

**Contaminated packaging** Do not reuse containers.

## 14. TRANSPORTATION INFORMATION

**Shipping Descriptions**

**DOT**

**ID-No** UN1950
**Proper shipping name** Aerosols, flammable
**Hazard Class(es)** 2.1
**Subsidiary Risk**
**Packing group**

**TDG**

**ID-No** UN1950
**Proper shipping name** Aerosols, flammable
**Hazard Class(es)** 2.1
**Subsidiary Risk** None
**Packing group**

**IATA**

**ID-No** UN1950
**Proper shipping name** Aerosols, flammable
**Hazard Class(es)** 2.1
**Subsidiary Risk**
**Packing group**

**IMDG/IMO**

**ID-No** UN1950
**Proper shipping name** Aerosols, flammable

**Hazard Class(es)** 2.1
**Packing group**

### Marine Pollutants

| Chemical name | CAS-No | USDOT Marine Pollutant | Canada TDG Marine Pollutant | IMDG Marine Pollutant |
|---|---|---|---|---|
| Propane/Isobutane/N-Butane | 68476-86-8 | - | - | - |
| Petroleum distillates, hydrotreated heavy naphthenic | 64742-52-5 | - | - | - |
| Heptanes | 64742-49-0 | - | - | - |
| Polymeric Viscosity Modifier | MIXTURE | - | - | - |
| Petrolatum | 8009-03-8 | - | - | - |
| Naphtha (petroleum), hydrotreated heavy | 64742-48-9 | - | - | - |

### Special Precautions

Multi-modal shipping descriptions are provided for informational purposes and do not consider container size. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

## 15. REGULATORY INFORMATION

### State regulations

#### U.S. state Right-to-Know regulations

| Chemical name | CAS-No | Massachusetts - RTK | New Jersey - RTK | Pennsylvania - RTK |
|---|---|---|---|---|
| Propane/Isobutane/N-Butane | 68476-86-8 | - | - | - |
| Petroleum distillates, hydrotreated heavy naphthenic | 64742-52-5 | X | X | X |
| Heptanes | 64742-49-0 | X | X | X |
| Polymeric Viscosity Modifier | MIXTURE | - | - | - |
| Petrolatum | 8009-03-8 | - | - | - |
| Naphtha (petroleum), hydrotreated heavy | 64742-48-9 | - | - | - |

#### California Prop. 65

| Chemical name | CAS-No | California Prop. 65 |
|---|---|---|
| Propane/Isobutane/N-Butane | 68476-86-8 | - |
| Petroleum distillates, hydrotreated heavy naphthenic | 64742-52-5 | - |
| Heptanes | 64742-49-0 | - |
| Polymeric Viscosity Modifier | MIXTURE | - |
| Petrolatum | 8009-03-8 | - |
| Naphtha (petroleum), hydrotreated heavy | 64742-48-9 | - |

### U.S. Federal Regulations

**US EPA SARA 313**

| Chemical name | CAS-No | CERCLA/SARA Hazardous Substances RQ | SARA 313 - Threshold Values |
|---|---|---|---|
| Propane/Isobutane/N-Butane | 68476-86-8 | - | - |
| Petroleum distillates, hydrotreated heavy naphthenic | 64742-52-5 | - | - |
| Heptanes | 64742-49-0 | - | - |
| Polymeric Viscosity Modifier | MIXTURE | - | - |
| Petrolatum | 8009-03-8 | - | - |
| Naphtha (petroleum), hydrotreated heavy | 64742-48-9 | - | - |

**US EPA SARA 311/312 hazardous categorization**

Acute Health Hazard
Chronic Health Hazard
Fire Hazard
Sudden Release of Pressure Hazard

| Chemical name | DSL/NDSL | Inventory - United States - Section 8(b) Inventory (TSCA) | U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification |
|---|---|---|---|
| Propane/Isobutane/N-Butane | X | X | - |
| Petroleum distillates, hydrotreated heavy naphthenic | X | X | - |
| Heptanes | X | X | - |
| Polymeric Viscosity Modifier | - | - | - |
| Petrolatum | X | X | - |
| Naphtha (petroleum), hydrotreated heavy | X | X | - |

Legend X - Listed

## 16. OTHER INFORMATION

**NFPA**

| | |
|---|---|
| **Health** | 2 |
| **Flammability** | 4 |
| **Instability** | 0 |

**HMIS**

| | |
|---|---|
| **Health** | 2 |
| **Flammability** | 4 |
| **Physical hazards** | 1 |
| **Personal protection** | B |

Notice: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA).

| | |
|---|---|
| **Prepared by** | Regulatory Affairs |
| **Issue date** | 21-May-2018 |
| **Revision date** | 13-Mar-2019 |
| **Revision note** | |

## Key to abbreviations

ACGIH (American Conference of Governmental Industrial Hygienists)
ATE (Average Toxicity Estimate)
DSL/NDSL (Domestic Substance List/Non-Domestic Substance List)
HMIS (Hazardous Materials Identification System)
IARC (International Agency for Research on Cancer)
IATA (International Air Transport Association)
IMDG/IMO (International Maritime Dangerous Goods/International Maritime Orgnaization)
NFPA (National Fire Protection Association)
NTP (National Toxicology Program)
OEL (Occupational Exposure Level)
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
PEL (Permissible Exposure Limit)
TSCA (Toxic Substance Control Act)
USEPA (United States Environmental Protection Agency)

**Disclaimer**

**The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.**

**End of Safety Data Sheet**