

Issue date 21-May-2018

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Revision Number 1

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)

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
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 skin thoroughly after handling P264 - Wash hands thoroughly after handling P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves
Response	
Eyes	P337 + P313 - If eye irritation persists: Get medical advice/attention
Skin	P302 + P352 - IF ON SKIN: Wash with plenty of soap and water P314 - Get medical advice/attention if you feel unwell. 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
Fire	P370 + P378 - In case of fire: Use appropriate method to extinguish
Spill	P390 - Absorb spillage to prevent material damage P391 - Collect spillage
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

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
Petrolatum	8009-03-8	1-10
Naphtha (petroleum), hydrotreated heavy	64742-48-9	0.1-1
Polymeric Viscosity Modifier	MIXTURE	10-20

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	-	-	-
Heptanes	-	-	350 mg/m ³ TWA 350 mg/m ³ TWA
Petrolatum	-	-	-
Naphtha (petroleum), hydrotreated heavy	-	-	-
Polymeric Viscosity Modifier	-	-	-

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	Newfoundl and & Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatche wan - OEL
Propane/Isobutane/N-Butane	-	-	-	-	-	-	-	-	-	-
Petroleum distillates, hydrotreated heavy naphthenic	-	-	-	-	-	-	-	-	-	-
Heptanes	-	-	-	-	-	-	-	-	-	-

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
Petrolatum	-	-	-	-	-	-	-	-	-	-
Naphtha (petroleum), hydrotreated heavy	-	-	-	-	-	-	-	-	-	-
Polymeric Viscosity Modifier	-	-	-	-	-	-	-	-	-	-

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	-	> 2000 mg/kg (Rabbit)	> 5000 mg/kg (Rat)
Heptanes	= 73680 ppm (Rat) 4 h	> 3160 mg/kg (Rabbit) > 2000 mg/kg (Rabbit)	> 5000 mg/kg (Rat) > 4300 mg/kg (Rat)
Petrolatum	-	= 3600 mg/kg (Rabbit)	-
Naphtha (petroleum), hydrotreated heavy	> 8500 mg/m ³ (Rat) 4 h	> 3160 mg/kg (Rabbit)	> 6000 mg/kg (Rat)
Polymeric Viscosity Modifier	-	-	-

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
Heptanes	-	Group 3	-	-
Petrolatum	-	-	-	-
Naphtha (petroleum), hydrotreated heavy	-	-	-	-
Polymeric Viscosity Modifier	-	-	-	-

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	-	-	ACGIH A2	-	ACGIH A2	-
Heptanes	-	-	-	-	-	-
Petrolatum	-	-	-	-	-	-
Naphtha (petroleum), hydrotreated heavy	-	-	-	-	-	-
Polymeric Viscosity Modifier	-	-	-	-	-	-

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
Petrolatum	-	-
Naphtha (petroleum), hydrotreated heavy	-	2200: 96 h Pimephales promelas mg/L LC50
Polymeric Viscosity Modifier	-	-

Persistence and degradability Not available.

Bioaccumulation Not available

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

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	-	-	-
Petrolatum	8009-03-8	-	-	-
Naphtha (petroleum), hydrotreated heavy	64742-48-9	X	-	-
Polymeric Viscosity Modifier	MIXTURE	-	-	-

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	-
Heptanes	64742-49-0	X	X	X
Petrolatum	8009-03-8	-	-	-
Naphtha (petroleum), hydrotreated heavy	64742-48-9	-	-	-
Polymeric Viscosity Modifier	MIXTURE	-	-	-

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	-
Petrolatum	8009-03-8	-
Naphtha (petroleum), hydrotreated heavy	64742-48-9	-
Polymeric Viscosity Modifier	MIXTURE	-

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	-	-
Petrolatum	8009-03-8	-	-
Naphtha (petroleum), hydrotreated heavy	64742-48-9	-	-
Polymeric Viscosity Modifier	MIXTURE	-	-

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

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

International inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA 8(b)), Canada (DSL/NDSL) or are exempt.

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	-
Petrolatum	X	X	-
Naphtha (petroleum), hydrotreated heavy	X	X	-
Polymeric Viscosity Modifier	-	-	-

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

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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 Organization)
- 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