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Revision Number 4

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.
 8770 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 www.lawsonproducts.com

Methylene Chloride notification No Information Available

2. HAZARD(S) IDENTIFICATION

Hazard Classification This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), WHMIS 2015 and GHS Regulations.

Skin corrosion/irritation	Category 2
Specific target organ toxicity (single exposure)	Category 3
Aspiration toxicity	Category 1
Flammable aerosols	Category 1
Gases under pressure	Liquefied 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 - Store in a well-ventilated place 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 P501 -Dispose of contents and container in accordance with local, regional, and federal regulations.
Hazard(s) Not Otherwise Classified (HNOC)	Not applicable.
Physical Hazards Not Otherwise Classified (PHNOC)	Not applicable.
Unknown acute toxicity	No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition Mixture.

Chemical name	CAS-No	Weight %
Propane	68476-86-8	30-40
Heptanes	142-82-5	20-30
Petroleum distillates, hydrotreated light (<3% DMSO extractable)	64742-47-8	1-5

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. Keep head below hips if vomiting occurs. Risk of aspiration into the lungs.
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	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms persist, call a physician.

Most important symptoms (acute) Causes skin irritation. Respiratory irritation. Harmful if swallowed. Symptoms include abdominal pain, stomach upset, nausea, vomiting and diarrhea. Eye irritation. eye pain, redness, and watering.

Most important symptoms (over-exposure) Causes skin irritation. Respiratory irritation. Harmful if swallowed. Vapors can cause irritation of the respiratory tract. High concentrations can cause headache, nausea, weakness, lightheadedness, and stupor (CNS depression). Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis).

Indication of any immediate medical attention and special treatment needed Treat symptomatically. NOTE TO PHYSICIAN: If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Dry chemical. Carbon dioxide (CO2). Foam.
Unsuitable extinguishing media	Do not use water jet. Water stream may spread fire.
Specific hazards	Extremely flammable. Contents under pressure. Pressurized container may explode when exposed to heat or flame. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Vapors can travel to a source of ignition and flash back. Fire water contained with this material must be contained and prevented from being discharged to any waterway, sewer, or drain.
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. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate

area). Do not touch or walk through spilled material. Use personal protection recommended in Section 8. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

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.

Large Spill: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry in sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Small Spill: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with eyes. Contents under pressure. Wear personal protective equipment. Keep away from sources of ignition - No smoking. Do not breathe vapor. Keep away from oxidising agents, strongly acid or alkaline materials and amines.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not store above 120 degrees F. Observe label precautions. Store away from direct sunlight in dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Pressurized container: Do not pierce or burn, even after use. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. Workers should wash hands and face before eating, drinking, and smoking.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	OSHA PEL (TWA)	California - PELs	ACGIH OEL (TWA)	NIOSH - TWA
Propane	-			
Heptanes	500 ppm TWA 2000 mg/m ³ TWA	400 ppm PEL; 1600 mg/m ³ PEL	400 ppm TWA	85 ppm TWA 350 mg/m ³ TWA
Petroleum distillates, hydrotreated light (<3% DMSO extractable)	Not listed			

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. Wash hands after handling the product. Wash contaminated clothing before reuse.

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. Chemical respirator with organic vapor cartridge and full face piece.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

Canadian Province Occupational Exposure Limits

Chemical name	AB	BC	MB	NB	NL	NS	ON	PE	QC	SK
Propane	-	-	-	-	-	-	-	-	-	-
Heptanes	400 ppm TWA 1640 mg/m ³ TWA	400 ppm TWA	400 ppm TWA	400 ppm TWA 1640 mg/m ³ TWA	400 ppm TWA 400 ppm TWA	400 ppm TWA	400 ppm TWA	400 ppm TWA 400 ppm TWA	400 ppm TWAEV	400 ppm TWA
Petroleum distillates, hydrotreated light (<3% DMSO extractable)	-	-	-	-	-	-	-	-	-	-

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Aerosol
Color	Clear
Odor	Solvent
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)	Extremely Flammable Aerosol
Lower explosion limit	Not available
Upper explosion limit	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	0.77-0.81
Solubility	Practically insoluble in water
Partition coefficient	Not available

(n-octanol/water)

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. Keep away from open flames, hot surfaces, and sources of ignition. Exposure to temperatures above 120F may cause bursting.
Incompatible materials Strong oxidizing agents. Strong acids. Incompatible with some plastics and painted surfaces, pre-test before using.
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	-	-	-
Heptanes	>73.5 mg/L Rat	= 5000 mg/kg Mouse 3000 mg/kg Rabbit	5000 mg/kg Mouse = 3000 mg/kg Rabbit
Petroleum distillates, hydrotreated light (<3% DMSO extractable)	no data available	> 5000 mg/kg Rat >2000 mg/kg Rabbit	>5000 mg/kg Rat > 2000 mg/kg Rabbit

ATEmix (dermal) Not available

ATEmix (oral) Not available
 ATEmix (inhalation-gas) Not available
 ATEmix (inhalation-vapor) Not available
 ATEmix (inhalation-dust/mist) Not available

Carcinogenicity

Chemical name	ACGIH OEL - Carcinogens	IARC	OSHA Carcinogens	NTP
Propane	-	-	-	-
Heptanes	-	-	-	-
Petroleum distillates, hydrotreated light (<3% DMSO extractable)	-	-	-	-

Canadian Province carcinogenicity limits

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Propane	-	-	-	-	-	-
Heptanes	-	-	-	-	-	-
Petroleum distillates, hydrotreated light (<3% DMSO extractable)	-	-	-	-	-	-

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish LC50
Propane	-	-
Heptanes	-	= 375.0mg/L Cichlid fish 96h
Petroleum distillates, hydrotreated light (<3% DMSO extractable)	-	= 2.2mg/L Lepomis macrochirus 96h = 2.4mg/L Oncorhynchus mykiss 96h = 45mg/L Pimephales promelas 96h

Persistence and degradability Not available.

Bioaccumulation Not available

Chemical name	CAS-No	Partition coefficient (log Kow)	Bioconcentration factor (BCF)
Propane 68476-86-8	68476-86-8	<=2.8	-
Heptanes 142-82-5	142-82-5	4.66	-
Petroleum distillates, hydrotreated light (<3% DMSO extractable) 64742-47-8	64742-47-8	-	61 - 159 dimensionless species: fish

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 Empty containers should be taken for local recycling, recovery or waste disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. TRANSPORTATION INFORMATION

Shipping Descriptions

DOT

ID-No UN1950
Proper shipping name Aerosols, flammable
Hazard Class(es) 2.1
Subsidiary Risk
Packing group
Marine pollutant Yes.
Special Provisions LTD QTY

TDG

ID-No UN1950
Proper shipping name Aerosols, flammable
Hazard Class(es) 2.1
Subsidiary Risk None
Packing group
Marine pollutant Yes.
Special Provisions LTD QTY

IATA

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

IMDG/IMO

ID-No UN1950
Proper shipping name Aerosols, flammable
Hazard Class(es) 2.1
Packing group
Marine pollutant Yes
Special Provisions LTD QTY

Marine Pollutants

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Propane	68476-86-8	-	-	-
Heptanes	142-82-5	X	X	X
Petroleum distillates, hydrotreated light (<3% DMSO extractable)	64742-47-8	-	-	-

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	68476-86-8	-	-	-
Heptanes	142-82-5	X	X	X
Petroleum distillates, hydrotreated light (<3% DMSO extractable)	64742-47-8	-	-	-

California Prop. 65

Chemical name	CAS-No	California Prop. 65
Propane	68476-86-8	-
Heptanes	142-82-5	-
Petroleum distillates, hydrotreated light (<3% DMSO extractable)	64742-47-8	-

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. Federal Regulations

Methylene Chloride notification No Information Available

US EPA SARA 313

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Propane	68476-86-8	-	-
Heptanes	142-82-5	-	-
Petroleum distillates, hydrotreated light (<3% DMSO extractable)	64742-47-8	-	-

US EPA SARA 311/312 hazardous categorization

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

TSCA and Canadian Inventories

Chemical name	Inventory - United States - Section 8(b) Inventory (TSCA)	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification	DSL	NDSL
Propane	X	-	X	-
Heptanes	X	X	X	-
Petroleum distillates, hydrotreated light (<3% DMSO extractable)	X	-	X	-

Legend X - Listed

16. OTHER INFORMATION

NFPA

Health 2
Flammability 3
Instability 0

HMIS

Health 2
Flammability 3
Physical hazards 0
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