

Issue date 21-May-2018

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Revision Number 1

## 1. IDENTIFICATION

### Product identification

|                               |                                                               |
|-------------------------------|---------------------------------------------------------------|
| Product identifier            | Drummond™ Persist High Temperature Bentonite Grease Cartridge |
| Other means of identification | DN4380D                                                       |
| 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

While this material is not classified as hazardous under OSHA regulations, this SDS contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

### Symbol

Not applicable

### Signal word

Not applicable

### Hazard statements

Not applicable

### 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

P202 - Do not handle until all safety precautions have been read and understood  
P281 - Use personal protective equipment as required

**Response**

|                                                          |                                                                                                                                |
|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>General</b>                                           | P308 + P313 - IF exposed or concerned: Get medical advice/attention                                                            |
| <b>Fire</b>                                              | P370 + P378 - In case of fire: Use appropriate method to extinguish                                                            |
| <b>Spill</b>                                             | P391 - Collect spillage                                                                                                        |
| <b>Storage</b>                                           | P401 - Store in accordance with local regulations                                                                              |
| <b>Disposal</b>                                          | P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable |
| <b>Hazard(s) Not Otherwise Classified (HNOC)</b>         | None known.                                                                                                                    |
| <b>Physical Hazards Not Otherwise Classified (PHNOC)</b> | None known.                                                                                                                    |
| <b>Unknown acute toxicity</b>                            | 0%                                                                                                                             |

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Composition** Mixture.

| <b>Chemical name</b>                                    | <b>CAS-No</b> | <b>Weight %</b> |
|---------------------------------------------------------|---------------|-----------------|
| Petroleum distillates, hydrotreated light naphthenic    | 64742-53-6    | 70-90           |
| Petroleum distillates, solvent-refined heavy paraffinic | 64741-88-4    | 0.1-1           |

**4. FIRST-AID MEASURES**

**Necessary first-aid measures**

|                                                                                   |                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General Information</b>                                                        | Do not leave the victim unattended.                                                                                                                                                      |
| <b>Inhalation</b>                                                                 | Remove to fresh air. If symptoms persist, call a physician.                                                                                                                              |
| <b>Ingestion</b>                                                                  | Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.                     |
| <b>Skin contact</b>                                                               | Wash area thoroughly with soap and water. Remove contaminated clothing and footwear. If skin irritation persists, call a physician. Remove and wash contaminated clothing before re-use. |
| <b>Eye contact</b>                                                                | Remove contact lenses. Protect the unharmed eye. If eye irritation persists, consult a specialist.                                                                                       |
| <b>Most important symptoms (acute)</b>                                            | Do not leave victim unattended.                                                                                                                                                          |
| <b>Most important symptoms (over-exposure)</b>                                    | Not available.                                                                                                                                                                           |
| <b>Indication of any immediate medical attention and special treatment needed</b> | Treat symptomatically.                                                                                                                                                                   |

## 5. FIRE-FIGHTING MEASURES

|                                                       |                                                                                                                       |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>                   | Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| <b>Unsuitable extinguishing media</b>                 | Not available.                                                                                                        |
| <b>Specific hazards</b>                               | Hazardous Thermal Decomposition Products: Carbon dioxide. Carbon monoxide. smoke.                                     |
| <b>Special protective equipment for fire-fighters</b> | Wear self contained breathing apparatus for fire fighting if necessary.                                               |

## 6. ACCIDENTAL RELEASE MEASURES

|                                                                            |                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Use personal protection recommended in Section 8. Ensure adequate ventilation. Evacuate personnel to safe areas. Refer to protective measures listed in sections 7 and 8. Prevent further leakage or spillage if safe to do so. Clean contaminated objects and areas thoroughly observing environmental regulations. |
| <b>Methods and materials for containment and cleaning up</b>               | Absorb with earth, sand, or another dry inert material. Vacuum or sweep up material and place in a designated, labeled waste container.                                                                                                                                                                              |

## 7. HANDLING AND STORAGE

|                                                                     |                                                                                                                                                                    |
|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Precautions for safe handling</b>                                | Use personal protection recommended in Section 8. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. |
| <b>Conditions for safe storage, including any incompatibilities</b> | Electrical installations and working materials must comply with the technological safety standards. Store away from oxidizers.                                     |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

| Chemical name                                           | OSHA PEL (TWA) | ACGIH OEL (TWA) | NIOSH - TWA |
|---------------------------------------------------------|----------------|-----------------|-------------|
| Petroleum distillates, hydrotreated light naphthenic    | -              | -               | -           |
| Petroleum distillates, solvent-refined heavy paraffinic | -              | -               | -           |

|                                         |                |
|-----------------------------------------|----------------|
| <b>Appropriate engineering controls</b> | Not available. |
|-----------------------------------------|----------------|

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

|                                 |                                                                                                                                 |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye protection</b>           | Safety glasses.                                                                                                                 |
| <b>Skin and body protection</b> | The suitability for a specific workplace should be discussed with the producers of the protective gloves. Wear protective suit. |
| <b>Respiratory protection</b>   | No personal respiratory protective equipment normally required.                                                                 |

**Hygiene measures**

General industrial hygiene practice.

**Canadian Province Occupational  
Exposure Limits**

| Chemical name                                                    | Alberta<br>OEL | British<br>Columbia<br>OEL | Manitoba<br>OEL | New<br>Brunswick<br>- OEL | Newfoundl<br>and &<br>Labrador -<br>OEL | Nova<br>Scotia -<br>OEL | Ontario<br>OEL | Prince<br>Edward<br>Island -<br>OEL | Quebec<br>OEL | Saskatche<br>wan - OEL |
|------------------------------------------------------------------|----------------|----------------------------|-----------------|---------------------------|-----------------------------------------|-------------------------|----------------|-------------------------------------|---------------|------------------------|
| Petroleum<br>distillates,<br>hydrotreated light<br>naphthenic    | -              | -                          | -               | -                         | -                                       | -                       | -              | -                                   | -             | -                      |
| Petroleum<br>distillates,<br>solvent-refined<br>heavy paraffinic | -              | -                          | -               | -                         | -                                       | -                       | -              | -                                   | -             | -                      |

**9. PHYSICAL AND CHEMICAL PROPERTIES**

|                                  |                    |
|----------------------------------|--------------------|
| <b>Physical state</b>            | Gel                |
| <b>Color</b>                     | Red                |
| <b>Odor</b>                      | Oily               |
| <b>Odor threshold</b>            | Not available      |
| <b>pH</b>                        | Not available      |
| <b>Melting point/range °C</b>    | Not available      |
| <b>Melting point/range °F</b>    | Not available      |
| <b>Boiling point/range °C</b>    | Not available      |
| <b>Boiling point/range °F</b>    | Not available      |
| <b>Flash point °C / °F</b>       | Not available      |
| <b>Evaporation rate</b>          | Not available      |
| <b>Flammability (Solid, Gas)</b> | Not available      |
| <b>Lower explosion limit</b>     | Not available      |
| <b>Upper explosion limit</b>     | Not available      |
| <b>Vapor pressure</b>            | Not available      |
| <b>Vapor density</b>             | Not available      |
| <b>Relative density</b>          | 0.988              |
| <b>Solubility</b>                | Insoluble in water |
| <b>Partition coefficient</b>     | 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** Stable.

**Chemical stability** Stable under normal conditions.

**Possibility of hazardous reactions** Stable under recommended storage conditions.

**Conditions to avoid** Not available.

**Incompatible materials** Incompatible with oxidizing agents.

**Hazardous decomposition products** Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure** Not available.

**Symptoms** Not available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure** Not available.

### Numerical measures of toxicity

| Chemical name                                           | Inhalation LC50:                     | Dermal LD50:                                                               | Oral LD50:                                                            |
|---------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Petroleum distillates, hydrotreated light naphthenic    | = 2180 mg/m <sup>3</sup> ( Rat ) 4 h | > 2000 mg/kg ( Rabbit )                                                    | > 5000 mg/kg ( Rat )                                                  |
| Petroleum distillates, solvent-refined heavy paraffinic | > 5530 mg/m <sup>3</sup> ( Rat ) 4 h | > 2000 mg/kg ( Rabbit )<br>Dermal LD50 Rabbit >2000 mg/kg (Source: IUCLID) | > 5000 mg/kg ( Rat )<br>Oral LD50 Rat >5000 mg/kg (Source: JAPAN_GHS) |

**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 RTK Carcinogens | NTP   |
|---------------------------------------------------------|-------------------------|---------|----------------------|-------|
| Petroleum distillates, hydrotreated light naphthenic    | A2                      | Group 1 | Listed               | Known |
| Petroleum distillates, solvent-refined heavy paraffinic | A2                      | Group 1 | Listed               | Known |

### Canadian Province carcinogenicity limits

| Chemical name                                           | Alberta - Carcinogen | British Columbia - Carcinogen | Manitoba - Carcinogen | New Brunswick - Carcinogen | Nova Scotia - Carcinogen | Quebec - Carcinogen |
|---------------------------------------------------------|----------------------|-------------------------------|-----------------------|----------------------------|--------------------------|---------------------|
| Petroleum distillates, hydrotreated light naphthenic    | -                    | -                             | ACGIH A2              | -                          | ACGIH A2                 | -                   |
| Petroleum distillates, solvent-refined heavy paraffinic | -                    | -                             | ACGIH A2              | -                          | ACGIH A2                 | -                   |

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

| Chemical name                                           | Algae/aquatic plants | Fish                                     |
|---------------------------------------------------------|----------------------|------------------------------------------|
| Petroleum distillates, hydrotreated light naphthenic    | -                    | 5000: 96 h Oncorhynchus mykiss mg/L LC50 |
| Petroleum distillates, solvent-refined heavy paraffinic | -                    | 5000: 96 h Oncorhynchus mykiss mg/L LC50 |

Persistence and degradability Not available.

Bioaccumulation Not available

| Chemical name                                                      | CAS-No     | Partition coefficient (log Kow) |
|--------------------------------------------------------------------|------------|---------------------------------|
| Petroleum distillates, hydrotreated light naphthenic 64742-53-6    | 64742-53-6 | -                               |
| Petroleum distillates, solvent-refined heavy paraffinic 64741-88-4 | 64741-88-4 | -                               |

Mobility in soil Not available.

Other adverse effects Not available

### 13. DISPOSAL CONSIDERATIONS

|                               |                                                                                                                                                                                         |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Disposal information</b>   | Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with federal, state and local regulations. |
| <b>Contaminated packaging</b> | Empty containers should be taken for local recycling, recovery or waste disposal.                                                                                                       |

### 14. TRANSPORTATION INFORMATION

#### Shipping Descriptions

##### DOT

|                      |               |
|----------------------|---------------|
| ID-No                |               |
| Proper shipping name | Not regulated |
| Packing group        |               |

##### TDG

|                      |               |
|----------------------|---------------|
| Proper shipping name | Not regulated |
| Packing group        |               |

##### IATA

|                      |               |
|----------------------|---------------|
| Proper shipping name | Not regulated |
| Subsidiary Risk      |               |
| Packing group        |               |

##### IMDG/IMO

|                      |               |
|----------------------|---------------|
| Proper shipping name | Not regulated |
| Packing group        |               |

#### Marine Pollutants

| Chemical name                                           | CAS-No     | USDOT Marine Pollutant | Canada TDG Marine Pollutant | IMDG Marine Pollutant |
|---------------------------------------------------------|------------|------------------------|-----------------------------|-----------------------|
| Petroleum distillates, hydrotreated light naphthenic    | 64742-53-6 | -                      | -                           | -                     |
| Petroleum distillates, solvent-refined heavy paraffinic | 64741-88-4 | -                      | -                           | -                     |

#### 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 |
|---------------|--------|---------------------|------------------|--------------------|
|---------------|--------|---------------------|------------------|--------------------|

| Chemical name                                           | CAS-No     | Massachusetts - RTK | New Jersey - RTK | Pennsylvania - RTK |
|---------------------------------------------------------|------------|---------------------|------------------|--------------------|
| Petroleum distillates, hydrotreated light naphthenic    | 64742-53-6 | X                   | X                | -                  |
| Petroleum distillates, solvent-refined heavy paraffinic | 64741-88-4 | -                   | X                | -                  |

**California Prop. 65**

| Chemical name                                           | CAS-No     | California Prop. 65 |
|---------------------------------------------------------|------------|---------------------|
| Petroleum distillates, hydrotreated light naphthenic    | 64742-53-6 | -                   |
| Petroleum distillates, solvent-refined heavy paraffinic | 64741-88-4 | -                   |

**U.S. Federal Regulations**

**US EPA SARA 313**

| Chemical name                                           | CAS-No     | CERCLA/SARA Hazardous Substances RQ | SARA 313 - Threshold Values |
|---------------------------------------------------------|------------|-------------------------------------|-----------------------------|
| Petroleum distillates, hydrotreated light naphthenic    | 64742-53-6 | -                                   | -                           |
| Petroleum distillates, solvent-refined heavy paraffinic | 64741-88-4 | -                                   | -                           |

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

Not applicable

**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 |
|---------------------------------------------------------|----------|-----------------------------------------------------------|----------------------------------------------------------------------------------|
| Petroleum distillates, hydrotreated light naphthenic    | X        | X                                                         | -                                                                                |
| Petroleum distillates, solvent-refined heavy paraffinic | X        | X                                                         | -                                                                                |

Legend X - Listed

**16. OTHER INFORMATION**

**NFPA**

Health 0  
Flammability 0  
Instability 0

**HMIS**

Health 0  
Flammability 0

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**Physical hazards** 0

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**