

Material Safety Data Sheet

Revision Date 06-Jun-2014

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code DN4720
Product name GOLD RUSH
Recommended Use Lubricant

Supplier Drummond, A Lawson Brand
Lawson Products, Inc.
8770 W.Bryn Mawr Ave.- Suite 900
Chicago, IL 60631
1-866-529-7664
Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview
Irritant.

Aggravated Medical Conditions
None Known.

Principal Routes of Exposure
Inhalation. Skin. Eyes. Ingestion.

Potential health effects

Eyes Contact with eyes may cause irritation.

Skin Chronic exposure causes drying effect on the skin .

Inhalation Exposure to vapors may cause the following effects. Respiratory irritation. Nausea. Headaches. Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.

Ingestion May cause the following effects. Stomach distress. Vomiting. May cause chemical pneumonitis if aspirated into lungs.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Lubricant Base Oil (petroleum), highly refined	Mixture	60-100
Cellulose Thickener	Proprietary	15-30
Boric Acid (H3BO3), Calcium Salt	13840-55-6	1-5
Dodecylbenzene Sulfonic Acid	68584-22-5	1-5

4. FIRST AID MEASURES

Eye contact Flush with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

Skin contact Remove contaminated clothing. Wash area thoroughly with soap and water. Seek medical attention if irritation persists.

Ingestion Do Not induce vomiting. Vomiting may cause aspiration pneumonia. Seek medical attention immediately.

Inhalation Move to fresh air. If breathing is difficult, give oxygen. Get medical attention if cough or respiratory symptoms develop.

5. FIRE FIGHTING MEASURES

Flash point °C 246
Flash point °F 475
Method Open cup

Autoignition temperature °C No data available
Autoignition temperature °F No data available

Flammability Limits (% in Air)
Upper 7.0
Lower 0.9

Suitable extinguishing media

Carbon dioxide (CO2). Dry chemical powder. Sand. Alcohol-resistant foam . Dry dolomite. Water spray. Water fog.

Special protective equipment for firefighters

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

Special Fire-Fighting Procedures

Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat. Do not use direct water stream . Water spray may be used to flush spills away from exposures and dilute spills to non-flammable mixtures . Do not release run-off from fire control methods to sewers or waterways . Dike and collect water used to fight fire .

Sensitivity to shock

No information available.

Sensitivity to static discharge

No information available.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up

Eliminate all sources of ignition.

Clean-up methods - small spill

Soak up excess with absorbent material. Collect and contain for disposal. Flush area with water.

Clean-up methods - large spill

Contain spill by diking or other methods. Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs.

7. HANDLING AND STORAGE**Handling**

Ensure adequate ventilation. Avoid breathing vapors. In case of insufficient ventilation, wear suitable respiratory equipment. Do not reuse containers. Keep container closed when not in use. Avoid spills and splashing of opened products. Avoid contact with skin and eyes. Do not mix or store near strong oxidizers.

Storage

Store in a well ventilated area. Do not store near strong acids, bases, oxidizers, flammables or any other type of reactive material. Keep away from open flames, hot surfaces and sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Lubricant Base Oil (petroleum), highly refined	-	-	-	-
Cellulose Thickener	-	-	-	-
Dodecylbenzene Sulfonic Acid	-	-	-	-
Boric Acid (H3BO3), Calcium Salt	-	-	-	-

Ventilation and Environmental Controls

Adequate ventilation should be provided to keep exposure levels below current acceptable exposure limits.

Hygiene measures

When using, do not eat, drink or smoke. Wash hands before eating or using the washroom. Wash hands before breaks and at the end of workday.

Respiratory protection

None required if adequate ventilation is provided. If the exposure limits are exceeded, a NIOSH/MSHA approved respirator is recommended.

Hand Protection

For prolonged or repeated skin contact, use a chemically resistant glove such as nitrile or neoprene. Wash hands with soap and water after removing gloves. Dry hands thoroughly before re-applying gloves.

Eye protection

Use safety eyewear designed to protect against splash of liquids.

Skin and body protection

None necessary under normal conditions

Other Protective Equipment

Wear appropriate clothing to prevent skin contact. A safety shower and eye wash station should be available for emergency use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Solid
Color	Tan
Odor	Mild Petroleum
Odor Threshold	No information available
pH	Not Applicable
Specific Gravity	0.96
Vapor pressure	< 0.01mmHg
Vapor density	> 5 (Air=1)
Evaporation Rate	<0.01 (air = 1)
Water solubility	Insoluble
VOC Content	0%
Partition Coefficient (n-octanol/water)	Not Applicable
Boiling point/range °C	Not Applicable
Boiling point/range °F	Not Applicable
Melting point/range °C	No data available
Melting point/range °F	No data available
Flash point °C	246
Flash point °F	475

10. STABILITY AND REACTIVITY**Stability**

Stable under normal conditions.

Conditions to avoid

None known.

Incompatibility

Acids. Oxidizers.

Hazardous Decomposition Products

Carbon oxides. Sulfur oxides.

Polymerization

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION**Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
Lubricant Base Oil (petroleum), highly refined Mixture	-	-	-
Cellulose Thickener Proprietary	-	-	-
Dodecylbenzene Sulfonic Acid 68584-22-5	530 mg/kg	530 mg/kg	-
Boric Acid (H3BO3), Calcium Salt 13840-55-6	-	-	-

Synergistic Products None known**Potential health effects****Sensitization** None known**Chronic toxicity** None known**Mutagenic effects** None known**Teratogenic effects** None known**Reproductive toxicity** None known**Target Organ Effects** See Section 2**Carcinogenic effects** See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Lubricant Base Oil (petroleum), highly refined	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Cellulose Thickener	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Dodecylbenzene Sulfonic Acid	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Boric Acid (H3BO3), Calcium Salt	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION**Dodecylbenzene Sulfonic Acid****Microtox Data***Pseudomonas fluorescens* EC50=5 mg/L (6 h)**Water Flea Data***Daphnia magna* EC50=2.9 mg/L (48 h)**13. DISPOSAL CONSIDERATIONS****Disposal Information**

Dispose of all product, residues and clean-up materials in accordance with local, state, and federal regulations.

14. TRANSPORTATION INFORMATION**DOT**

Not Regulated

TDG

Not Regulated

15. REGULATORY INFORMATION**State Regulations**

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Lubricant Base Oil (petroleum), highly refined	Not Listed	Not Listed	Not Listed
Cellulose Thickener	Not Listed	Not Listed	Not Listed
Dodecylbenzene Sulfonic Acid	Not Listed	Not Listed	Not Listed
Boric Acid (H3BO3), Calcium Salt	Not Listed	Not Listed	Not Listed

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
Lubricant Base Oil (petroleum), highly refined	-	-	-	-
Cellulose Thickener	-	-	-	-
Dodecylbenzene Sulfonic Acid	X	X	-	X
Boric Acid (H3BO3), Calcium Salt	X	-	X	X

CPR

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

16. OTHER INFORMATION

Product code **DN4720**

Product name **GOLD RUSH**

16. OTHER INFORMATION

NFPA

Health - 1
Flammability - 1
Reactivity - 0

HMIS

Health - 1
Flammability - 1
Physical Hazard - 0

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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.