

This item was discontinued prior to GHS implementation.  
A GHS Safety Data Sheet is not available for this item.

# Material Safety Data Sheet

Revision Date 24-Jan-2012

## 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

**Product code** DA7070  
**Product name** Freeway  
**Recommended Use** Lubricant

**Supplier** Drummond American  
A Lawson Products Company  
600 Corporate Woods Parkway  
Vernon Hills, IL 60061  
(847) 913-9313

**Emergency telephone number** (888) 426-4851

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

Flammable. Irritant. May be harmful if swallowed.

### Aggravated Medical Conditions

Pre-existing respiratory disorders. Pre-existing pulmonary disorders. Cardiovascular conditions.

### Principal Routes of Exposure

Eyes. Skin. Inhalation. Ingestion.

### Potential health effects

**Eyes** Severe irritation.

**Skin** Mild irritation. Defatting.

**Inhalation** Dizziness. Possible unconsciousness.

**Ingestion** Nausea. Vomiting. Unconsciousness.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Aluminum	7429-90-5	3-7
Naphtha (petroleum), hydrotreated heavy	64742-48-9	1-5
Silicon Dioxide - hydrated	7631-86-9	1-5
Graphite	7782-42-5	3-7
Heptane (n-)	142-82-5	10-30
Propane/Isobutane/N-Butane	68476-86-8	15-25
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	30-60

## 4. FIRST AID MEASURES

**Eye contact** Flush eyes with plenty of water. Seek medical attention if irritation persists.

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

**Ingestion** Do not induce vomiting. Seek medical attention immediately.

**Inhalation** Remove to fresh air. Seek medical attention.

## 5. FIRE FIGHTING MEASURES

**Flash point °C** 50  
**Flash point °F** 122  
**Method** Tag Closed Cup

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

### Flammability Limits (% in Air)

**Upper** 7.5  
**Lower** 1.1

### Specific Information for Aerosol Products

**Flame extension** >18"

### Suitable extinguishing media

Dry chemical powder.

### 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

### Specific hazards

Extremely flammable .

### Fire and Explosion Hazards

Contents under pressure. Aerosol containers may vent, rupture or burst when heated to temperatures above 120°F. Vapors are volatile and heavier than air. They will tend to collect in low lying areas. Vapors of this product may develop a flammable atmosphere in confined areas.

### Sensitivity to shock

No information available.

### Sensitivity to static discharge

No information available.

## 6. ACCIDENTAL RELEASE MEASURES

### Methods for cleaning up

Soak up excess with absorbent material. Wipe or scrape up and dispose of spill. Pick up and transfer to properly labelled containers.

## 7. HANDLING AND STORAGE

### Handling

Keep from excessive heat. Keep away from open flame.

Product code **DA7070**

Product name **Freeway**

**Storage**

Keep tightly closed in a dry and cool place. Store in temperatures below 120 degrees F.

**NFPA Storage Code**

Store as Level 2 Aerosol (NFPA 30B)

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Petroleum distillates, hydrotreated heavy naphthenic	-	-	-	-
Propane/Isobutane/N-Butane	-	-	-	N/D
Heptane (n-)	2000 mg/m <sup>3</sup> 500 ppm	-	400 ppm	500 ppm
Graphite	-	-	2 mg/m <sup>3</sup>	-
Aluminum	15 mg/m <sup>3</sup> total 5 mg/m <sup>3</sup>	-	1 mg/m <sup>3</sup>	-
Silicon Dioxide - hydrated	15 mg/m <sup>3</sup> (total dust), 5 mg/m <sup>3</sup> (respirable fraction)	10 ppm	10 mg/m <sup>3</sup> (total dust)	ND
Naphtha (petroleum), hydrotreated heavy	-	-	-	-

**Ventilation and Environmental Controls**

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

**Hygiene measures**

Wash hands before breaks and immediately after handling the product.

**Respiratory protection**

Wear a respirator or gas mask with appropriate NIOSH approved cartridge or canister, or supplied air equipment, if airborne concentration limits are exceeded.

**Hand Protection**

Gloves are not required in normal use.

**Eye protection**

Use safety eyewear designed to protect against splash of liquids.

**Skin and body protection**

None necessary under normal conditions

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Form</b>	Aerosol
<b>Color</b>	Silver - Gray
<b>Odor</b>	Solvent
<b>Odor Threshold</b>	Not Applicable
<b>pH</b>	Not Applicable
<b>Specific Gravity</b>	1.1

<b>Vapor pressure</b>	124mmHg
<b>Vapor density</b>	0.1% (air=1)
<b>Evaporation Rate</b>	0.1% (Butyl Acetate = 1)
<b>Water solubility</b>	0%
<b>VOC Content</b>	40%
<b>Partition Coefficient (n-octanol/water)</b>	Not Applicable
<b>Boiling point/range °C</b>	68
<b>Boiling point/range °F</b>	156
<b>Melting point/range °C</b>	Not Applicable
<b>Melting point/range °F</b>	Not Applicable
<b>Flash point °C</b>	50
<b>Flash point °F</b>	122

**10. STABILITY AND REACTIVITY**

**Stability**

Stable.

**Conditions to avoid**

Do not store in temperatures above 120 degrees F.

**Incompatibility**

Some plastics. Oxygen.

**Hazardous Decomposition Products**

None known.

**Polymerization**

Hazardous polymerization does not occur.

**11. TOXICOLOGICAL INFORMATION**

**Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
<i>Petroleum distillates, hydrotreated heavy naphthenic</i> 64742-52-5	5000 mg/kg	5000 mg/kg	5 mg/L
<i>Propane/Isobutane/N-Butane</i> 68476-86-8	-	-	-
<i>Heptane (n-)</i> 142-82-5	-	3000 mg/kg	103 g/m <sup>3</sup>
<i>Graphite</i> 7782-42-5	-	-	-
<i>Aluminum</i> 7429-90-5	-	-	-
<i>Silicon Dioxide - hydrated</i> 7631-86-9	5000 mg/kg	2000 mg/kg	2.2 mg/L
<i>Naphtha (petroleum), hydrotreated heavy</i> 64742-48-9	5000 mg/kg	3160 mg/kg	-

**Synergistic Products** None known

**Potential health effects**

**Sensitization** None known

**Chronic toxicity** See Section 2 .

**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
Petroleum distillates, hydrotreated heavy naphthenic	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Propane/Isobutane/N-Butane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Heptane (n-)	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Graphite	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Aluminum	A4	Not Listed	Not Listed	Not Listed	Not Listed
Silicon Dioxide - hydrated	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Naphtha (petroleum), hydrotreated heavy	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

**12. ECOLOGICAL INFORMATION**

Petroleum distillates, hydrotreated heavy naphthenic

**Water Flea Data**

*Daphnia magna* hEC50 48 (>1000 mg/L)

Heptane (n-)

**Water Flea Data**

*Daphnia magna* hEC50 24 (>10 mg/L)

Silicon Dioxide - hydrated

**Water Flea Data**

*Ceriodaphnia dubia* hEC50 48 (7600 mg/L)

Naphtha (petroleum), hydrotreated heavy

**Water Flea Data**

*Chaetogammarus marinus* hLC50 96 (2.6 mg/L)

**13. DISPOSAL CONSIDERATIONS**

**Waste from residues / unused products**

Dispose of all product, residues and clean-up materials in accordance with local, state, and federal regulations. Do not puncture or incinerate. Do not reuse container. Wrap container and place in trash collection.

**14. TRANSPORTATION INFORMATION**

**DOT**

UN1950 Aerosols, flammable, 2.1

*Exception:* (Compressed Gas not more than 1.0L) Consumer Commodity ORM-D

**TDG**

UN1950 AEROSOLS, flammable, 2.1

**15. REGULATORY INFORMATION**

**US EPA SARA 313**

Chemical Name	US EPA SARA 313 Emission Reporting
Aluminum	Listed

**State Regulations**

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Petroleum distillates, hydrotreated heavy naphthenic	Not Listed	Not Listed	Not Listed
Propane/Isobutane/N-Butane	Not Listed	Not Listed	Not Listed
Heptane (n-)	Listed	Listed	Not Listed
Graphite	Not Listed	Listed	Not Listed
Aluminum	Listed	Listed	Not Listed
Silicon Dioxide - hydrated	Listed	Listed	Not Listed
Naphtha (petroleum), hydrotreated heavy	Not Listed	Not Listed	Not Listed

**International Inventories**

Chemical Name	EINECS	DSL	NDSL	TSCA
Petroleum distillates, hydrotreated heavy naphthenic	X	X	-	X
Propane/Isobutane/N-Butane	X	X	-	X
Heptane (n-)	X	X	-	X
Graphite	X	X	-	X
Aluminum	X	X	-	X
Silicon Dioxide - hydrated	X	X	-	X
Naphtha (petroleum), hydrotreated heavy	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**

**NFPA**

**Health - 1**  
**Flammability - 3**

Product code **DA7070**

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**16. OTHER INFORMATION**

Reactivity - 1

**HMIS**

Health - 1

Flammability - 3

Physical Hazard - 1

**Prepared By**

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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.