

Material Safety Data Sheet

Revision Date 25-Jan-2013

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code DA6901
Product name Headway Dry
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
Extremely flammable.

Aggravated Medical Conditions
None Known.

Principal Routes of Exposure
Eyes. Skin. Inhalation.

Potential health effects

Eyes Contact with eyes may cause irritation.

Skin May cause the following effects: . Skin Irritation. Defatting.

Inhalation Chronic overexposure can cause: . Dizziness. Possible unconsciousness.

Ingestion Not likely to occur.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Acetone	67-64-1	40-50
Propane/Isobutane/N-Butane	68476-86-8	35-45
Heptanes	142-82-5	10-20

4. FIRST AID MEASURES

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

Skin contact Wash off immediately with soap and plenty of water. Seek medical attention if irritation persists.

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

Ingestion No specific treatment is necessary since this material is not likely to be hazardous by ingestion.

Inhalation Remove to fresh air. Contact physician if breathing difficulty develops.

5. FIRE FIGHTING MEASURES

Flash point °C -15
Flash point °F 5
Method Tag Closed Cup

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

Flammability Limits (% in Air)
Upper 10.2
Lower 1.3

Suitable extinguishing media
Use extinguishing media appropriate to surrounding fire .

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

Fire and Explosion Hazards
Extremely flammable. Aerosol containers may vent, rupture or burst when heated to temperatures above 120°F. 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.

7. HANDLING AND STORAGE

Handling
Wash hands with soap and water before eating, drinking, smoking, or using toilet facilities. Keep from excessive heat. Keep away from open flame.

Storage
Store in temperatures below 120 degrees F (50 degrees C) . Do not store near sources of ignition. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Acetone	1000 ppm 2400 mg/m ³	-	500 ppm	750 ppm
Heptanes	500 ppm 2000 mg/m ³	-	400 ppm	500 ppm
Propane/Isobutane/N-Butane	-	-	-	N/D

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

None necessary under normal conditions.

Hand Protection

Gloves are not required in normal use.

Eye protection

ANSI approved safety goggles are recommended to prevent accidental eye contact.

Skin and body protection

None necessary under normal conditions

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Aerosol
Color	Clear
Odor	Slight Solvent
Odor Threshold	No information available
pH	Not Applicable
Specific Gravity	0.76
Vapor pressure	36mmHg
Vapor density	> 1 (Air=1)
Evaporation Rate	>1 (Butyl Acetate = 1)
Water solubility	Insoluble
VOC Content	55.5%
Partition Coefficient (n-octanol/water)	Not Applicable
Boiling point/range °C	< 93.3
Boiling point/range °F	< 200
Melting point/range °C	Not Applicable
Melting point/range °F	Not Applicable
Flash point °C	-15
Flash point °F	5

10. STABILITY AND REACTIVITY

Stability

Stable.

Conditions to avoid

Do not store in temperatures above 120 degrees F. Do not apply to hot surfaces. Exposure to open flame.

Incompatibility

Strong oxidizing agents.

Hazardous Decomposition Products

Silicone dioxide. Formaldehyde. Carbon oxides.

Polymerization

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Component Information

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
Acetone 67-64-1	5800 mg/kg	-	-
Heptanes 142-82-5	-	3000 mg/kg	103 g/m ³
Propane/Isobutane/N-Butane 68476-86-8	-	-	-

Synergistic Products

None known

Potential health effects

Sensitization

May cause sensitization .

Chronic toxicity

See Section 2 .

Mutagenic effects

None known .

Teratogenic effects

None known .

Reproductive toxicity

None known .

Target Organ Effects

None Known.

Carcinogenic effects

See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Acetone	A4	Not Listed	Not Listed	Not Listed	Not Listed
Heptanes	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Propane/Isobutane/N-Butane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION

Acetone

12. ECOLOGICAL INFORMATION**Microtox Data***Photobacterium phosphoreum* EC50=14500 mg/L (15 min)**Water Flea Data***Daphnia magna* EC5010294 - 17704 mg/L (48 h)*Daphnia magna* EC5012600 - 12700 mg/L (48 h)**Heptanes****Water Flea Data***Daphnia magna* EC50>10 mg/L (24 h)**HMIS****Health - 1****Flammability - 3****Physical Hazard - 1****Prepared By**J. Cameron, Regulatory Affairs
Coordinator

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.

13. DISPOSAL CONSIDERATIONS**Waste from residues / unused products**

Dispose in accordance with federal, state, and local 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**State Regulations**

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Acetone	Not Listed	Listed	Not Listed
Heptanes	Listed	Listed	Not Listed
Propane/Isobutane/N-Butane	Not Listed	Not Listed	Not Listed

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
Acetone	X	X	-	X
Heptanes	X	X	-	X
Propane/Isobutane/N-Butane	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