

Material Safety Data Sheet

Revision Date 28-Sep-2012

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code CW3615
Product name Moly Grease
Recommended Use Lubricant

Supplier Cronatron, 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
Skin. Ingestion.

Potential health effects

Eyes Prolonged or repeated exposure may cause . Irritation.

Skin Prolonged skin contact may cause skin irritation and/or dermatitis.

Inhalation No adverse affects expected.

Ingestion Gastrointestinal irritation. Nausea. Diarrhea.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Molybdenum sulfide	1317-33-5	1-5

4. FIRST AID MEASURES

Eye contact Flush with plenty of water for at least 15 minutes. If eye irritation persists, consult a specialist.

Skin contact Wash area thoroughly with soap and water. If skin irritation persists, call a physician.

Ingestion Do Not induce vomiting. Seek medical attention immediately.

Inhalation No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

5. FIRE FIGHTING MEASURES

Flash point °C 204
Flash point °F 400
Method Tag Closed Cup

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

Flammability Limits (% in Air)
Upper No data available
Lower No data available

Suitable extinguishing media
Carbon dioxide (CO2). Dry chemical powder. Water. Foam.

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.

Sensitivity to shock
No information available.

Sensitivity to static discharge
No information available.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up
Absorb with fire resistant absorbent. Pick up and transfer to properly labelled containers.

7. HANDLING AND STORAGE

Handling
Keep away from open flames, hot surfaces and sources of ignition. Handle in accordance with good industrial hygiene and safety practice.

Storage
Do not store near oxidizers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)

Product code **CW3615**Product name **Moly Grease**

Molybdenum sulfide	-	-	-	-
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Ventilation and Environmental Controls

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

Hygiene measures

Contaminated work clothing should not be allowed out of the workplace.

Respiratory protection

None required.

Hand Protection

The following gloves are recommended for prolonged or repeated contact: . Neoprene gloves.

Eye protection

ANSI approved safety goggles are recommended if exposure is likely.

Skin and body protection

Apron.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Solid
Color	Black
Odor	Mild Petroleum
Odor Threshold	Not Applicable
pH	Not Applicable
Specific Gravity	0.90
Vapor pressure	Not Applicable
Vapor density	Not Applicable
Evaporation Rate	Not Applicable
Water solubility	Practically 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	Not Applicable
Melting point/range °F	Not Applicable
Flash point °C	204
Flash point °F	400

10. STABILITY AND REACTIVITY**Stability**

Stable.

Conditions to avoid

None known.

Incompatibility

Strong oxidizing agents. Alkalies. Acids.

Hazardous Decomposition Products

Carbon monoxide.

Polymerization

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION**Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
Molybdenum sulfide 1317-33-5	-	-	2820 mg/m ³

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
Molybdenum sulfide	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION**13. DISPOSAL CONSIDERATIONS****Waste from residues / unused products**

Dispose in accordance with federal, state, and local regulations.

14. TRANSPORTATION INFORMATION**DOT**

Not Regulated.

TDG

Not Regulated

15. REGULATORY INFORMATION**State Regulations**

Product code **CW3615**

Product name **Moly Grease**

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Molybdenum sulfide	Not Listed	Not Listed	Not Listed

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
Molybdenum sulfide	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 - 0
Flammability - 0
Reactivity - 0

HMIS

Health - 0
Flammability - 0
Physical Hazard - 0

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.