



Section 1. Identification

Product identifier

Product Identity Aerosol with Molybdenum Disulfide
Other means of identification Not Applicable

Relevant identified uses of the substance or mixture and uses advised against

See Technical Data Sheet.

Details of the supplier of the safety data sheet

Company Name Southwestern Petroleum Lubricants LLC
3401 Quorum Drive, Suite 360
Fort Worth, Texas 76137

Emergency
24 hour Emergency Telephone No. 734 930-0009

Customer Service: Emergency numbers call Chemtrec 24/7 USA and Canada 1-800-424-9300 or 1-703-527-3887

Section 2. Hazard(s) identification

This SDS is aligned with the Workplace Hazardous Materials Information System (WHMIS) and with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

Classification of the substance or mixture

Eye Irrit. 2;H319 Causes serious eye irritation.
STOT SE 3;H336 May cause drowsiness or dizziness.

Label elements



Safety Data Sheet
Aerosol with Molybdenum Disulfide

SDS Revision Date: 10/08/2024



Warning

H319 Causes serious eye irritation.
H336 May cause drowsiness and dizziness.

[Prevention]:

P233 Keep container tightly closed.
P261 Avoid breathing dust, fume, gas, mist, vapours, spray.
P264 Wash thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves, eye protection, and face protection.

[Response]:

P304+340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER, doctor or physician if you feel unwell.
P337+313 If eye irritation persists: Get medical advice or attention.

[Storage]:

P403+233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.

[Disposal]:

P501 Dispose of contents or container in accordance with local and national regulations.

Other hazards

This product contains no PBT/vPvB chemicals.
This product contains no endocrine disrupting chemicals.



Safety Data Sheet
Aerosol with Molybdenum Disulfide

SDS Revision Date: 10/08/2024

Section 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the Hazardous Products Regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Acetone CAS Number: 67-64-1 Synonyms: 2-Propanone	80 - 100	Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336	----
Molybdenum (iv) sulfide CAS Number: 1317-33-5 Synonyms: Molybdenum sulfide	3 - 7	Not Classified	----

The actual concentration or concentration range is withheld as a trade secret.

*PBT/vPvB - PBT-substance or vPvB-substance.

The full texts of the phrases are shown in Section 16.

Section 4. First aid measures

Description of first aid measures

General In all cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

Inhalation Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eyes Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Ingestion If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed



Safety Data Sheet
Aerosol with Molybdenum Disulfide

SDS Revision Date: 10/08/2024

Overview No specific symptom data available.
Treat symptomatically. See section 2 for further details.

Eyes Causes serious eye irritation.

Section 5. Fire-fighting measures

Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray.
Unsuitable extinguishing media: Do not use; water jet.

Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.
Keep container tightly closed.
Avoid breathing dust, fume, gas, mist, vapours, spray.

Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full-face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).
Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Environmental precautions

Do not allow spills to enter drains or waterways.



Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapours. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

Section 7. Handling and storage

Precautions for safe handling

Handle containers carefully to prevent damage and spillage.
See section 2 for further details. - [Prevention]:

Conditions for safe storage, including any incompatibilities

Incompatible materials: No available information
See section 2 for further details. - [Storage]:

Specific end use(s)

No available information

Section 8. Exposure controls / personal protection

Control parameters

Exposure

CAS No.	Ingredient	Source	Value
67-64-1	Acetone	ACGIH	250 ppm 500 ppm
		Alberta	500 ppm TWA; 1200 mg/m ³ TWA 750 ppm STEL; 1800 mg/m ³ STEL
		British Columbia	250 ppm TWA 500 ppm STEL
		Manitoba	250 ppm TWA 500 ppm STEL
		New Brunswick	500 ppm TWA; 1188 mg/m ³ TWA 750 ppm STEL; 1782 mg/m ³ STEL
		Newfoundland and Labrador	250 ppm TWA 500 ppm STEL
		Nova Scotia	250 ppm TWA 500 ppm STEL
		Northwest Territories	500 ppm TWA 750 ppm STEL
		Nunavut	500 ppm TWA 750 ppm STEL
		Ontario	250 ppm TWA 500 ppm STEL



Safety Data Sheet
Aerosol with Molybdenum Disulfide

SDS Revision Date: 10/08/2024

CAS No.	Ingredient	Source	Value
		Prince Edward Island	250 ppm TWA 500 ppm STEL
		Quebec	500 ppm TWAEV; 1190 mg/m ³ TWAEV 1000 ppm STEV; 2380 mg/m ³ STEV
		Saskatchewan	500 ppm TWA 750 ppm STEL
		Yukon	1000 ppm TWA; 2400 mg/m ³ TWA 1250 ppm STEL; 3000 mg/m ³ STEL
1317-33-5	Molybdenum (iv) sulfide	ACGIH	TWA 2.5 mg/m ³ (as F)
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
		Yukon	No Established Limit

The exposure limits for nuisance dust are: OSHA PEL: 15 mg/m³(50 mppcf*) TWA, ACGIH 10 mg/m³.

Exposure controls

Respiratory If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

Eyes Wear safety glasses with side shields to protect the eyes. An eye wash station is suggested as a good workplace practice.

Skin Avoid skin contact. Protective gloves recommended.

Engineering Controls Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapour below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.

<p>Section 9. Physical and chemical properties</p>



Information on basic physical and chemical properties

Physical State	% Solid
Color	Black
Odour	Solvent Odour
Melting point / freezing point	No available information
Initial boiling point and boiling range	No available information
Flammability (solid, gas)	No available information
Upper/lower flammability or explosive limits	Lower Explosive Limit:0.8 Upper Explosive Limit:9.5
Flash Point	Closed Cup
Auto-ignition temperature	No available information
Decomposition temperature	750F for the Moly Powder
pH	No available information
Viscosity (cSt)	No available information
Solubility in Water	Insoluble in water
Partition coefficient n-octanol/water (Log Kow)	No available information
Vapour pressure (Pa)	No available information
Relative Density	4.8 lbs/gal
Vapour Density	No available information
Evaporation rate (Ether = 1)	0.5
VOC Content	94%

Other information

No other relevant information.

Section 10. Stability and reactivity

Reactivity

Hazardous Polymerization will not occur.

Chemical stability

Stable under normal circumstances.

Possibility of hazardous reactions

No available information

Conditions to avoid

Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials



**Safety Data Sheet
Aerosol with Molybdenum Disulfide**

SDS Revision Date: 10/08/2024

No available information

Hazardous decomposition products

No hazardous decomposition data available.

Section 11. Toxicological information

Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation vapour LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Acetone - (67-64-1)	5,800.00, Rat - Category: NA	7,426.00, Rabbit - Category: NA	76.00, Rat - Category: NA	50.10, Rat - Category: NA	No data available.
Molybdenum (iv) sulfide - (1317-33-5)	No data available.	No data available.	No data available.	2.82, Rat - Category: 4	No data available.

Carcinogen Data

CAS No.	Ingredient	Source	Value
67-64-1	Acetone	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	A4
1317-33-5	Molybdenum (iv) sulfide	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	2	Causes serious eye irritation.
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable



Safety Data Sheet
Aerosol with Molybdenum Disulfide

SDS Revision Date: 10/08/2024

Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

Possible routes of entry:

Symptoms and effects, both acute and delayed::

No specific symptom data available.
Treat symptomatically.

Eyes Causes serious eye irritation.

Section 12. Ecological information

Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Acetone - (67-64-1)	8,120.00, Pimephales promelas	8,800.00, Daphnia pulex	7,000.00, Pseudokirchneriella subcapitata
Molybdenum (iv) sulfide - (1317-33-5)	No data available.	No data available.	No data available.

Persistence and degradability

There is no data available on the preparation itself.

Bioaccumulative potential

No available information

Mobility in soil

No available information

Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.



Other adverse effects

No available information

Section 13. Disposal considerations

Waste treatment methods

Observe all federal, provincial and local regulations when disposing of this substance.

Section 14. Transport information

Classification Method: Classified as per Part 2, Sections 2.1-2.8 of the Transportation of Dangerous Goods Regulations.

	TDG (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
UN number	UN 1090	UN1090	UN1090
UN proper shipping name	UN1090, Acetone, 3, II	Acetone	Acetone
Transport hazard class(es)	TDG Hazard Class:3	IMDG:3	Air Class:3
Packing group	II	II	II

Environmental hazards

Marine Pollutant: ;

Special precautions for user

No available information

Section 15. Regulatory information

This product has been classified in accordance with the hazard criteria Hazardous Products Regulations (SOR/2015-17 amended 2022-12-15) and the SDS contains all of the



Safety Data Sheet
Aerosol with Molybdenum Disulfide

SDS Revision Date: 10/08/2024

information required by those regulations.

Canadian Domestic Substance List (DSL):

Acetone

Molybdenum (iv) sulfide

Canadian Non-Domestic Substance List (NDSL):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Section 16. Other information

SDS Revision Date

10/08/2024

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness and dizziness.

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Safety Data Sheet
Aerosol with Molybdenum Disulfide

SDS Revision Date: 10/08/2024

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