



Section 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Identity 812 Aerosol with Molybdenum Disulfide
Alternate Names Not Applicable
Unique Formula Identifier

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

Intended Uses and Uses Advised Against See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name Southwestern Petroleum Lubricants LLC
3401 Quorum Drive, Suite 360
Fort Worth, Texas 76137
Customer Service: 1+734 930-0009

1.4. Emergency telephone number

Emergency

24 hour Emergency Telephone No.

Polluxstraat 11 Telephone: +31 (13) 785 49 40
5047 RA Tilburg GSM: +31 (6) 150 230 19
The Netherlands E-mail: info@stratson.nl
Homepage: www.stratson.nl
SWEPCO lubes: www.swepcolube.com

Section 2. Hazard identification of the product

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]



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Eye Irrit. 2;H319

Causes serious eye irritation.

STOT SE 3;H336

May cause drowsiness or dizziness.

2.2. Label elements

According to REGULATION (EU) 2020/878 amending Regulations EU 2015/830 and (EC) No 1907/2006



H319 Causes serious eye irritation.

H336 May cause drowsiness and dizziness.

2.3. Other hazards

This product contains no PBT/vPvB chemicals.

This product contains no endocrine disrupting chemicals.

Section 3. Composition/information on ingredients

3.2. Mixtures

If the product contains substances that present a hazard according to Regulation (EC) No. 1272/2008 [CLP/GHS], they are listed below.

Ingredient/Chemical Designations	Weight %	EC No. 1272/2008 Classification	Notes
Acetone CAS Number: 67-64-1 EC No. 200-662-2 Index No.: 606-001-00-8	85 -100	Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336	



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Ingredient/Chemical Designations	Weight %	EC No. 1272/2008 Classification	Notes
Molybdenum (iv) sulfide CAS Number: 1317-33-5 EC No. 215-263-9	4 - 7	Not Classified	

^{^CLP 31} Reference EC No. 1272/2008 1.1.3.1. Notes relating to the identification, classification and labelling of substances (Table 3.1).

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

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

Section 4. First aid measures

4.1. 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.

Eye 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.

4.2. Most important symptoms and effects, both acute and delayed

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

Eye Causes serious eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Notes to Treat symptomatically. IF INHALED: Remove person to fresh air and keep



physician comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER, doctor or physician if you feel unwell. If eye irritation persists: Get medical advice or attention.

Section 5. Fire-fighting measures

5.1. Extinguishing media

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

5.2. 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, vapors, spray.

5.3. 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

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).
Avoid breathing dust, fume, gas, mist, vapors, spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area.

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.



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Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse. Dispose of contents or container in accordance with local and national regulations.

6.3. Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapors. 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.

6.4 Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

Section 7. Handling and storage

7.1. Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

Wear protective gloves, eye protection, and face protection.

7.2. Conditions for safe storage, including any incompatibilities

Incompatible materials: No available information

Store in a well-ventilated place. Keep container tightly closed. Store locked up.

7.3. Specific end use(s)

No available information

Section 8. Exposure controls / personal protection

8.1. Control parameters

Exposure



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CAS No.	Ingredient	Source	Value
67-64-1	Acetone	ACGIH	250 ppm 500 ppm
		DNEL Local Exposure	No Established Limit
		DNEL Systematic Exposure	1210 mg/m ³
		National	No Established Limit
1317-33-5	Molybdenum (iv) sulfide	ACGIH	TWA 2.5 mg/m ³ (as F)
		DNEL Local Exposure	No Established Limit
		DNEL Systematic Exposure	No Established Limit
		National	No Established Limit

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

8.2. 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.
- Engineering Controls** Provide adequate ventilation. Where reasonably practicable this should be achieved using local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor 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.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State	% Solid
Color	Black
Odor	Solvent Odor
Melting point / freezing point	No available information
Initial boiling point and boiling range	No available information
Flammability (solid, gas)	No available information



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Upper/lower flammability or explosive limits

Flash Point

Auto-ignition temperature

Decomposition temperature

pH

Viscosity (cSt)

Solubility in Water

Partition coefficient n-octanol/water (Log Kow)

Vapor pressure (Pa)

Relative Density

Vapor Density

Evaporation rate (Ether = 1)

VOC Content

Lower Explosive Limit:0.8

Upper Explosive Limit:9.5

Closed Cup

No available information

750F for the Moly Powder

No available information

No available information

Insoluble in water

No available information

No available information

4.8 lbs/gal

No available information

0.5

94%

9.2. Other information

No other relevant information.

Section 10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No available information

10.4. Conditions to avoid

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

10.5. Incompatible materials

No available information

10.6. Hazardous decomposition products

No hazardous decomposition data available.

Section 11. Toxicological information



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11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

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.

Classification	Category	Hazard Description
Acute toxicity (oral)	---	---
Acute toxicity (dermal)	---	---
Acute toxicity (inhalation)	---	---
Skin corrosion/irritation	---	---
Serious eye damage/irritation	2	Causes serious eye irritation.
Respiratory sensitization	---	---
Skin sensitization	---	---
Germ cell mutagenicity	---	---
Carcinogenicity	---	---
Reproductive toxicity	---	---
STOT-single exposure	---	---
STOT-single exposure	---	---
STOT-single exposure	3	May cause drowsiness or dizziness.
STOT-repeated exposure	---	---
Aspiration hazard	---	---

11.2 Information on other hazards

11.2.1. Endocrine disrupting properties

This product contains no endocrine disrupting chemicals.



Section 12. Ecological information

12.1. 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	3hr IC50 Bacteria mg/l	Biodegradability %
Acetone - (67-64-1)	8,120.00, Pimephales promelas	8,800.00, Daphnia pulex	7,000.00, Pseudokirchneriella subcapitata	---	90.90
Molybdenum (iv) sulfide - (1317-33-5)	No data available.	No data available.	No data available.	---	---

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

No available information

12.4. Mobility in soil

No available information

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6 Endocrine disrupting properties

This product contains no endocrine disrupting chemicals.

12.7. Other adverse effects

No available information

Section 13. Disposal considerations

13.1. Waste treatment methods

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



Section 14. Transport information

	ADR/RID	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	UN1090	UN1090	UN1090
14.2. UN proper shipping name	Acetone	Acetone	Acetone
14.3. Transport hazard class(es)	DOT Hazard Class:3 Sub Class:	IMDG:3 Sub Class:	Air class:3 Sub Class: Class:
14.4. Packing group	II	II	II

14.5. Environmental hazards

Marine Pollutant: ;

14.6. Special precautions for user

No available information

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not Applicable

Section 15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Legislation

REGULATION (EU) 2020/878 amending Regulations EU 2015/830 and (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). REGULATION (EC) 1272/2008 on the classification, labeling and packaging of substances and mixtures (CLP).

National Legislation

WGK Class:



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SVHC Ingredient:

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles:

Acetone (Use restricted. See item 40.)

15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out.

Section 16. Other information

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

H225 Highly flammable liquid and vapor.

H319 Causes serious eye irritation.

H336 May cause drowsiness and dizziness.

ACGIH - American Conference of Governmental Industrial Hygienists

ADR - International Carriage of Dangerous Goods by Road (Accord Dangereux Routier)

CAS - Chemical Abstract Service

CLP - Classification Labeling and Packaging

DOT - Department of Transportation



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EC50 - European Commission
EC50 - Half maximal effective concentration
ErC50 - The concentration of test substance which results in a 50 percent reduction in growth rate (ErC50) relative to the control within 72hrs exposure.
GHS - Globally Harmonized System
IARC - International Agency for Research on Cancer
IATA - International Civil Aviation Organization
IC50 - The amount of a substance suspended in the air required to kills 50% of a test animals during a predetermined observation period.
ICAO - International Civil Aviation Organization
IMDG - International Maritime Dangerous Goods
IMO - International Maritime Organization
LC50 - Is the Lethal Concentration of a substance at which 50% of test animals die.
LD50 - Is the Lethal Dose at which 50% of the animals will be expected to die.
NIOSH - National Institute for Occupational Safety and Health
NTP - National Toxicology Program
OSHA - Occupational Safety and Health Administration
PBT - Persistent, Bioaccumulative and Toxic Chemicals
PEL - Permissible Exposure Limit
REACH - Registration, Evaluation, Authorization and Restriction of Chemicals
RID - Regulations concerning the international carriage of dangerous goods by rail)
STEL - Short Term Exposure Limit
TWA - Time Weighted Average
vPvB - Very Persistent and very Bio-accumulative
WGK - Water Hazard Class

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification

Justification

Eye Irrit. 2;H319

Calculation method

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