



SAFETY DATA SHEET

This safety data sheet complies with the requirements of: 29CFR1910.1200

Issue Date 21-Dec-2018

Revision Date 4 Jan-2021

Version 7

W30910A SWEPCO 812

Revision Date
4-Jan-2021

1. IDENTIFICATION

Product identifier

Product Name SWEPCO 812

Other means of identification

Product Code W30910A
UN/ID no. UN1950
Synonyms Moly Dri Lube (Aerosol)

Recommended use of the chemical and restrictions on use

Recommended Use Lubricant.
Uses advised against Any Non label use

Details of the supplier of the safety data sheet

Manufacturer Address Southwestern Petroleum Corp. Ipar 534 N. Main St. Ipar Fort Worth, Texas 76164 Ipar (800)359-5823

Emergency telephone number

Company Phone Number (800) 359-5823
Emergency Telephone For Hazardous Materials [or Dangerous Goods] Incident , Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300 USA and Canada: +1 703-527-3887

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage/eye irritation	Category 2
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1A
Specific target organ toxicity (single exposure)	Category 3
Gases under pressure Flammable aerosol	

Label elements

Emergency Overview

Danger

Hazard statements

Causes serious eye irritation
 May cause genetic defects
 May cause cancer
 May cause respiratory irritation. May cause drowsiness or dizziness
 Flammable aerosol
 Contains gas under pressure; may explode if heated

**Appearance** Aerosol spray can**Physical state** Powder**Odor** Aromatic**Precautionary Statements - Prevention**

Obtain special instructions before use
 Do not handle until all safety precautions have been read and understood
 Use personal protective equipment as required
 Wash hands and face thoroughly after handling
 Avoid breathing dust/fume/gas/mist/vapors/spray

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 If eye irritation persists: Get medical advice/attention
 IF ON SKIN: Wash with plenty of water and soap
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 Do NOT induce vomiting
 Consult a physician if necessary

Precautionary Statements - Storage

Store in a well-ventilated place
 Store locked up
 Do not expose to temperatures exceeding 122 °F (50 °C)

Precautionary Statements - Disposal

Disposal should be in accordance with applicable local, regional, national and international laws and regulations.

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance**Mixture**

This product is a mixture.
 This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Common name

Dry lubricant.

Synonyms

Moly Dri Lube (Aerosol).

Chemical Family

Flammable liquid, n.o.s (Petroleum Distillates).

Chemical Name	CAS No.	Weight-%	Trade Secret
Acetone	67-64-1	30-60	*
Propane	74-98-6	35-55	*
N-Butane	106-97-8	5-12	*

Powdered Lubricant	Proprietary	1-5	*
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4. FIRST AID MEASURES

Description of first aid measures

General advice	Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash skin with soap and water.
Inhalation	Remove to fresh air.
Ingestion	Clean mouth with water and drink afterwards plenty of water.
Self-protection of the first aider	Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

Symptoms	No information available.
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Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Water spray or fog is preferred; if water not available use dry chemical, CO2 or regular foam.

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

No information available.

Hazardous combustion products Hydrocarbons, Carbon Monoxide, Hydrogen Sulfide (H2S) may be produced above 250F (121C).

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Ensure adequate ventilation, especially in confined areas.
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Environmental precautions

Environmental precautions	See Section 12 for additional ecological information.
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Methods and material for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so.
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Methods for cleaning up	Pick up the absorbed material (described just above) and transfer to properly labeled containers for disposal according to local / national regulations (see Section 13).
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7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials Oxidizing and reducing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines Exposure limits for the component materials are shown below.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Propane 74-98-6	: See Appendix F: Minimal Oxygen Content, explosion hazard	TWA: 1000 ppm TWA: 1800 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m ³	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m ³
N-Butane 106-97-8	STEL: 1000 ppm explosion hazard	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m ³	IDLH: 1600 ppm TWA: 800 ppm TWA: 1900 mg/m ³
Powdered Lubricant	TWA: 10 mg/m ³ Mo inhalable particulate matter TWA: 3 mg/m ³ Mo respirable particulate matter	TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ Mo	IDLH: 5000 mg/m ³ Mo

Appropriate engineering controls

Engineering Controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin and body protection No special technical protective measures are necessary.

Respiratory protection If exposure limits are exceeded or irritation is experienced, a NIOSH/MSHA approved respiratory protection should be worn.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Powder	Odor	Aromatic
Appearance	Aerosol spray can	Odor threshold	No information available
Color	Black		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No information available	
Melting point/freezing point	No information available	
Boiling point / boiling range	No information available	
Flash point	-60C	
Evaporation rate	0.5	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	9.5	

Lower flammability limit:	0.8
Vapor pressure	No information available
Vapor density	>1
Specific Gravity	No information available
Water solubility	Insoluble in water
Solubility in other solvents	No information available
Partition coefficient	No information available
Autoignition temperature	240C
Decomposition temperature	400C
Kinematic viscosity	No information available
Dynamic viscosity	No information available
Explosive properties	No information available
Oxidizing properties	No information available

Other Information

Softening point	No information available
Molecular weight	No information available
VOC Content (%)	95%
Density	No information available
Bulk density	No information available

10. STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

Oxidizing and reducing agents.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Harmful by inhalation, in contact with skin and if swallowed

Inhalation

Inhalation of vapors in high concentration may cause irritation of respiratory system.

Eye contact

Contact with eyes may cause irritation.

Skin contact

Substance may cause slight skin irritation.

Ingestion

May be harmful if swallowed. Not an expected route of exposure. Aspiration may cause pulmonary edema and pneumonitis.

Component Information

Packaging and label exceptions for mixtures IMDG Code 2.6.2.2.4.7 where the low percentage of a toxic material changes the LD50 to >5000 PPM

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Propane 74-98-6	-	-	> 800000 ppm (Rat) 15 min
N-Butane	-	-	= 658 g/m ³ (Rat) 4 h

106-97-8			
Powdered Lubricant	-	-	> 2820 mg/m ³ (Rat) 4 h

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.
Germ cell mutagenicity No information available.
Carcinogenicity No information available.
Reproductive toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

ATEmix (oral) 13976.00
ATEmix (inhalation-dust/mist) 241.4

12. ECOLOGICAL INFORMATION

Ecotoxicity

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Chemical Name	Partition coefficient
Propane 74-98-6	2.3
N-Butane 106-97-8	2.89

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable local, regional, national and international laws and regulations.

Contaminated packaging Do not reuse container.

This product contains one or more substances that are listed with the State of California as a hazardous waste. Acetone.

14. TRANSPORT INFORMATION

DOT Regulated
UN/ID no. UN1950 Limited Quantity
Proper shipping name UN 1950 Aerosols, 2.1 Flammable
Description UN 1950 Aerosols, 2.1, Flammable
Hazard Class 2.1

<u>TDG</u>	Regulated
Proper shipping name	UN 1950, Aerosols, 2.1, Flammable
Description	UN 1950, Aerosols, 2.1 Flammable
Hazard Class	2.1
<u>MEX</u>	Regulated
UN/ID no.	UN1950
Proper shipping name	Aerosol
Hazard Class	2.1
Description	Flammable aerosol UN1950 Aerosols, 2.1
<u>ICAO (air)</u>	Regulated
UN/ID no.	UN1950
Proper shipping name	Aerosols
Hazard Class	2.1
Description	UN1950 Aerosols, 2.1 Flammable aerosol
<u>IATA</u>	Regulated
UN/ID no.	UN1950
Proper shipping name	Aerosols, Flammable Mixture
Hazard Class	2.1
Description	UN1950 Aerosols, Flammable Mixture, 2.1
<u>IMDG</u>	Regulated
UN/ID no.	UN1950
Proper shipping name	UN1950, Aerosols, Flammable, 2.1, LTD QTY
Hazard Class	2.1
EmS-No.	F-D, S-U
Description	UN1950, Aerosols, Flammable, 2.1, LTD QTY
<u>RID</u>	Regulated
UN/ID no.	UN1950
Hazard Class	2.1
Classification code	5A
Description	UN1950 Aerosols, 2.1 RID
Labels	2
<u>ADR</u>	Regulated
UN/ID no.	UN1950
Proper shipping name	Aerosols
Hazard Class	2.1
Classification code	5A
Tunnel restriction code	(D)
Description	UN1950 Aerosols, 2.1 (D)
Labels	2
<u>ADN</u>	Regulated
UN Number	UN1950
Proper shipping name	Aerosol
Hazard Class	2.1
Description	UN1950 Aerosols, 2.1 Flammable aerosol
Hazard label(s)	2

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Does not comply
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

X - Listed

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Propane 74-98-6	X	X	X
N-Butane 106-97-8	X	X	X
Powdered Lubricant	-	X	-

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

<u>NFPA</u>	Health hazards 0	Flammability 0	Instability 0	Physical and Chemical Properties - Personal protection
<u>HMIS</u>	Health hazards 1	Flammability 2	Physical hazards 1	

Prepared By John Barnes SWEPCO
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Revision Note
No information available

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet