

**Ultra Gel Lube**

SDS Number: A315F

Revision Date: 4/5/2018

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## PRODUCT AND COMPANY IDENTIFICATION

### Manufacturer

Wechem, Inc  
5734 Susitna Dr  
Harahan, LA 70123

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**Product Identifier:** Ultra Gel Lube  
**SDS Number:** A315F  
**Product Code:** A315  
**Revision Date:** 4/5/2018  
**Product Use:** Penetrating Gel Lubricant with PTFE

Emergency Telephone Number:  
INFOTRAC  
1-800-535-5053

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## HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

#### GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Physical, Flammable Aerosols, 1  
Health, Aspiration hazard, 1  
Health, Serious Eye Damage/Eye Irritation, 2 A  
Health, Specific target organ toxicity - Single exposure, 3  
Environmental, Hazards to the aquatic environment - Acute, 3  
Environmental, Hazards to the aquatic environment - Chronic, 3

### GHS Label Elements, Including Precautionary Statements

**GHS Signal Word: DANGER**

**GHS Hazard Pictograms:**



**GHS Hazard Statements:**

H222 - Extremely flammable aerosol  
H304 - May be fatal if swallowed and enters airways  
H319 - Causes serious eye irritation  
H336 - May cause drowsiness or dizziness  
H402 - Harmful to aquatic life  
H412 - Harmful to aquatic life with long lasting effects

**GHS Precautionary Statements:**

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking  
P211 - Do not spray on an open flame or other ignition source.  
P251 - Pressurized container: Do not pierce or burn, even after use.  
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.  
P264 - Wash thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

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P302 - IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

P304+312 - IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P308+313 - IF exposed or concerned: Get medical advice/attention.

P337 + P313 - If eye irritation persists: Get medical advice/attention.

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

P405 - Store locked up.

P410+412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

P501 - Dispose of contents/container in accordance with local/regional/national/international/regulations.

### Hazards not Otherwise Classified (HNOC) or not Covered by GHS

<b>Route of Entry:</b>	Inhalation, ingestion, eye, skin
<b>Target Organs:</b>	May cause damage to organs through prolonged or repeated exposure.
<b>Inhalation:</b>	Prolonged inhalation may be harmful.
<b>Skin Contact:</b>	No adverse effects expected due to application.
<b>Eye Contact:</b>	Causes serious eye irritation.
<b>Ingestion:</b>	May be harmful of fatal if swallowed. Aspiration into the lungs can cause serious chemical pneumonia.

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### COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients		
CAS#	%	Chemical Name
67-64-1	20-40%	Acetone
64742-47-8	10-20%	Distillates, petroleum, hydrotreated light
64742-49-0	10-20%	Naphtha, petroleum, hydrotreated light
124-38-9	2.5-10%	Carbon dioxide
142-82-5	2.5-10%	Heptane

Other components below reportable levels 20-40%

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### FIRST AID MEASURES

<b>Inhalation:</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
<b>Skin Contact:</b>	Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs : Get medical advice/attention. Wash contaminated clothing before reuse.
<b>Eye Contact:</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
<b>Ingestion:</b>	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

Most important symptoms/effects are: Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

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### FIRE FIGHTING MEASURES

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**Flammability:** Extremely flammable  
**Flash Point:** -4.0°F (-20.0°C) Propellant estimated  
**Autoignition Temp:** 470.18°F (243.44°C) estimated

Extinguishing media: Alcohol resistant foam, water fog, dry chemical powder, dry chemicals, Carbon dioxide (CO<sub>2</sub>), Do not use water jet as an extinguisher, as this will spread the fire.

Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from the fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.

Extremely flammable aerosol.

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**ACCIDENTAL RELEASE MEASURES**

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Remove all possible sources of ignition in the surrounding area. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Refer to attached safety data sheets an/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Prevent entry into waterways, sewer, basements or confined areas. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

Avoid release into the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

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**HANDLING AND STORAGE**

**Handling Precautions:** Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not re-use empty containers. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release into the environment. Observe good industrial hygiene practices.



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Central Nervous System impairment  
Hematologic effects  
Substances for which there is a Biological Exposure Index or Indices  
(see BEI section)  
Not classifiable as a human carcinogen

STEL 1,000 ppm USA. OSHA - TABLE Z-1 Limits for  
2,400 mg/m<sup>3</sup> Air Contaminants - 1910.1000

The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors.

TWA 1,000 ppm USA. Occupational Exposure Limits  
2,400 mg/m<sup>3</sup> (OSHA) - Table Z-1 Limits for Air  
Contaminants

The value in mg/m<sup>3</sup> is approximate.

TWA 250 ppm USA. NIOSH Recommended  
590 mg/m<sup>3</sup> Exposure Limits

TWA 750 ppm USA. OSHA - TABLE Z-1 Limits for  
1,800 mg/m<sup>3</sup> Air Contaminants - 1910.1000

Carbon dioxide cas#:(124-38-9) [2.5-10%]

Components with workplace control parameters

TWA 5,000 ppm USA. ACGIH Threshold Limit Values (TLV)  
Asphyxia

STEL 30,000 ppm USA. ACGIH Threshold Limit Values (TLV)  
Asphyxia

TWA 10,000 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -  
18,000 mg/m<sup>3</sup> 1910.1000  
Exposures under 10,000 ppm to be cited as de minimus.

STEL 30,000 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -  
54,000 mg/m<sup>3</sup> 1910.1000

TWA 5,000 ppm USA. Occupational Exposure Limits (OSHA) - Table Z- 1  
9,000 mg/m<sup>3</sup> Limits for Air Contaminants  
The value in mg/m<sup>3</sup> is approximate.

TWA 5,000 ppm USA. NIOSH Recommended Exposure Limits  
9,000 mg/m<sup>3</sup>  
Normal constituent of air (about 300 ppm).

ST 30,000 ppm USA. NIOSH Recommended Exposure Limits  
54,000 mg/m<sup>3</sup>  
Normal constituent of air (about 300 ppm).

Heptane cas#:(142-82-5) [2.5-10%]

Components with workplace control parameters

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TWA	85 ppm 350 mg/m3	USA. NIOSH Recommended Exposure Limits
C	440 ppm 1,800 mg/m3 15 minute ceiling value	USA. NIOSH Recommended Exposure Limits
TWA	500 ppm 2,000 mg/m3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
The value in mg/m3 is approximate.		
TWA	400 ppm 1,600 mg/m3	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
STEL	500 ppm 2,000 mg/m3	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
TWA	400 ppm (TLV)	USA. ACGIH Threshold Limit Values
Central Nervous System impairment Upper Respiratory Tract irritation		
STEL	500 ppm (TLV)	USA. ACGIH Threshold Limit Values
Central Nervous System impairment Upper Respiratory Tract irritation		

<b>9</b>	<b>PHYSICAL AND CHEMICAL PROPERTIES</b>
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<b>Appearance:</b>	Aerosol	<b>Flash Point:</b>	-4.0 F ( -20.0 C) Propellant estimated
<b>Physical State:</b>	Liquid	<b>VOC:</b>	24.5%wt
<b>Spec Grav./Density:</b>	(H2O=1): 0.79 estimated	<b>Auto-Ignition Temp:</b>	470.18°F (243.44°C) estimated
<b>Boiling Point:</b>	162.45 F (72.47 C)	<b>UFL/LFL:</b>	10.1%/1.8%
<b>Vapor Pressure:</b>	Not available		

<b>10</b>	<b>STABILITY AND REACTIVITY</b>
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<b>Reactivity:</b>	This product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical Stability:</b>	Material is stable under normal conditions.
<b>Conditions to Avoid:</b>	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<b>Materials to Avoid:</b>	Acids, strong oxidizing agents.
<b>Hazardous Decomposition:</b>	No hazardous decomposition products are known.
<b>Hazardous Polymerization:</b>	Will not occur.

<b>11</b>	<b>TOXICOLOGICAL INFORMATION</b>
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Information on likely routes of exposure:

Ingestion            Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

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- Inhalation May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.
- Skin Contact No adverse effects due to skin contact are expected.
- Eye Contact Causes serious eye irritation.

Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Acute Toxicity: May be fatal if swallowed and enters airways. Narcotic effects.

**12 OZ ULTRA GEL LUBE (CAS Mixture)**

## Acute

- Dermal LD50 5203 mg/kg (Rat)  
Inhalation LD50 17 mg/l/4h (Rat)

Data summary for the components are as follows:

**Acetone (CAS 67-64-1)**

- Dermal LD50 >7426 mg/kg, 24 hours (Guinea pig)  
LD50 9.4 ml/kg, 24 hours (Guinea pig)  
LD50 >7426 mg/kg, 24 hours (Rabbit)  
LD50 9.4 ml/kg, 24 hours (Rabbit)  
Inhalation LC50 55700 ppm, 3 hours (Rat)  
LC50 132 mg/l, 3 hours (Rat)  
LC50 50.1 mg/l (Rat)  
Oral LD50 5800 mg/kg (Rat)  
LD50 2.2 ml/kg (Rat)

**Distillate (petroleum), Hydrotreated Light (CAS 64742-47-8)**

## Acute

- Dermal LD50 >2000 mg/kg (Rabbit)  
LD50 >2000 mg/kg, 24 hrs (Rabbit)  
Inhalation LC50 >7.5 mg/l, 6 hrs, (Rat)  
LC50 >4.6 mg/l, 4 hrs, (Rat)  
Oral LD50 >5000 mg/kg (Rat)

**Aliphatic hydrocarbon solvent (CAS 64742-49-0)**

## Acute

- Derma1  
Derma1 LD50 >9.4 ml/kg, 24 hrs (Guinea pig;Rabbit)  
LD50 >1900 mg/kg, 24 hrs (Rabbit)  
Inhalation LC50 >5000 mg/m<sup>3</sup>, 4 hrs (Rat)  
LC50 >4980 mg/m<sup>3</sup> (Rat)  
LC50 >4980 mg/m<sup>3</sup>, 4 hrs (Rat)  
LC50 4.96 mg/l, 4 hrs (Rat)  
LC50 13700ppm, 4 hrs (Rat)  
ora1 LD50 4820 mg/kg (Rat)

**Heptane (CAS 142-82-5)**

- Dermal LD50 >2000 mg/kg, 24 hours (Rabbit)  
Inhalation LC50 >29.29 mg/l, 4 hours (Rat)  
Oral LD50 >5000 mg/kg (Rat)

This product is not a respiratory sensitizer.

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This product is not expected to cause skin sensitization.

No data is available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

This product is not considered to be a carcinogen by IARC, ACGIH, NTO, or OSHA.

IARC Monographs. Not listed.

This product is not expected to cause reproductive or developmental effects.

may cause drowsiness and dizziness.

May be fatal if swallowed and enters airways.

Prolonged inhalation may be harmful.

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**ECOLOGICAL INFORMATION**

Ecotoxicity Toxic to aquatic life with long lasting effects.

12 OZ ULTRA GEL LUBE (CAS Mixture)

Aquatic

Algae IC50 19154 mg/L, 72 hours estimated (Algae)

Crustacea EC50 12237 mg/l, 48 hours (Daphnia)

Fish LC50 339 mg/l, 96 hours estimated (Fish)

Acetone (CAS 67-64-1)

Aquatic

Crustacea EC50 21.6-23.9 mg/l, 48 hours Water flea (Daphnia magna)

Fish LC50 4740-6330 mg/l, 96 hours Rainbow trout, donaldson trout (Oncorhynchus mykiss)

Aliphatic hydrocarbon solvent (CAS 64742-47-8)

Aquatic

Fish LC50 2.9 mg/l, 96 hrs Rainfow trout, donaldson trout (Oncorhynchus mykiss)

Heptane (CAS 142-82-5)

Aquatic

Fish LC50 375 mg/l, 96hours Mozambique tilapia (Tilapia mossambica)

No data is available on the degradability or bioaccumulative potential of this product.

Partition coefficient n-octanol/water (log Kow)

Acetone -0.24

n-Heptane 4.66

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption,



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global warming potential) are expected from this component.

<b>13</b>	<b>DISPOSAL CONSIDERATIONS</b>
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Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Dispose in accordance with all applicable regulations.

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see Disposal instructions).

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

<b>14</b>	<b>TRANSPORT INFORMATION</b>
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**DOT**

UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	N82
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity until 12/31/2020, the "Consumer Commodity-ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking.

**IATA**

UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable
Environmental hazards	Yes
ERG Code	10L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo	Allowed with restrictions.
Aircraft	

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Cargo aircraft only      Allowed with restrictions.  
 Packaging exceptions      LTD QTY

**IMDG**

UN number                      UN1950  
 UN proper shipping name      AEROSOLS  
 Transport hazard class(es)  
     Class                          2.1  
     Subsidiary risk                -  
     Label(s)                        None  
 Packing group                  Not applicable  
 Environmental hazards  
     Marine pollutant              Yes  
 EmS                                F-D, S-U  
 Special precautions for user    Read safety instructions, SDS and emergency procedures before handling.  
 Packaging exceptions            LTD QTY  
 Transport in bulk according to    Not applicable.  
 AnnexII of MARPOL 73/78 and  
 the IBC Code

<b>15</b>	<b>REGULATORY INFORMATION</b>
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Component (CAS#) [%] - CODES

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- RQ(5000LBS), Acetone (67-64-1) [20-40%] CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, TOXICRCRA, TSCA, TXAIR, TXHWL
  - Distillates, petroleum, hydrotreated light (64742-47-8) [10-20%] TSCA
  - Naphtha, petroleum, hydrotreated light (64742-49-0) [10-20%] TSCA
  - Carbon dioxide (124-38-9) [2.5-10%] MASS, OSHAWAC, PA, TSCA, TXAIR
  - Heptane (142-82-5) [2.5-10%] MASS, OSHAWAC, PA, TSCA, TXAIR

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

Regulatory CODE Descriptions

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- RQ = Reportable Quantity
  - CERCLA = Superfund clean up substance
  - HAP = Hazardous Air Pollutants
  - MASS = MA Massachusetts Hazardous Substances List
  - NJHS = NJ Right-to-Know Hazardous Substances
  - OSHA = OSHA Workplace Air Contaminants
  - PA = PA Right-To-Know List of Hazardous Substances
  - TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
  - TSCA = Toxic Substances Control Act
  - TXAIR = TX Air Contaminants with Health Effects Screening Level
  - TXHWL = TX Hazardous Waste List

<b>16</b>	<b>OTHER INFORMATION</b>
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We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.  
 N/A = Not available    N/D = Not determined