

# SDS

## Gear Guard

SDS Number: A265A

Revision Date: 10/3/2022

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### PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

Wechem, Inc  
5734 Susitna Dr  
Harahan, LA 70123

**Contact:** Ligia M. Hernandez  
**Phone:** 504-733-1152  
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**Web:** www.wechem.com

**Product Identifier:** Gear Guard  
**SDS Number:** A265A  
**Product Code:** A265  
**Revision Date:** 10/3/2022  
**Product Use:** Open Gear Lubricant

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  
Physical, Gases Under Pressure, Liquefied Gas  
Health, Skin corrosion/irritation, 2  
Health, Aspiration hazard, 1

#### GHS Label Elements, Including Precautionary Statements

**GHS Signal Word: DANGER**

**GHS Hazard Pictograms:**



#### GHS Hazard Statements:

H222 - Extremely flammable aerosol  
H280 - Contains gas under pressure; may explode if heated  
H315 - Causes skin irritation  
H304 - May be fatal if swallowed and enters airways

#### 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.  
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.  
P264 - Wash hands thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear protective gloves.  
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P302+352 - IF ON SKIN: Wash with plenty of water.  
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.

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P312 - Call a POISON CENTER or doctor/physician if you feel unwell.  
 P331 - Do NOT induce vomiting.  
 P332+313 - If skin irritation occurs: Get medical advice/attention.  
 P337 - If eye irritation persists: Get medical attention.  
 P362 - Take off contaminated clothing and wash before reuse.  
 P403 - Store in a well-ventilated place.  
 P405 - Store locked up.  
 P410+403 - Protect from sunlight. Store in a well ventilated place.  
 P412 - Do not expose to temperatures exceeding 50 °C/122 °F  
 P501 - Dispose of contents/container in accordance with local/regional/state/national/international guidelines.

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

**Route of Entry:** Eyes, Ingestion, Inhalation, Skin  
**Target Organs:** NA  
**Inhalation:** Causes respiratory tract irritation. Prolonged inhalation may be harmful.  
**Skin Contact:** Causes skin irritation.  
**Eye Contact:** Causes eye irritation.  
**Ingestion:** Cause gastrointestinal irritation. May produce symptoms of CNS depression.

<b>3</b>	<b>COMPOSITION/INFORMATION ON INGREDIENTS</b>
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	Chemical Ingredients:	
CAS#	%	Chemical Name:
142-82-5	10-20%	Heptane
64742-47-8	10-20%	Distillates, petroleum, hydrotreated light
74-98-6	10-20%	Propane

<b>4</b>	<b>FIRST AID MEASURES</b>
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**Inhalation:** Move to fresh air. If breathing is difficult or unconscious, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists

**Skin Contact:** Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation persists.

**Eye Contact:** Immediately flush with water for 15 minutes while holding eyelids open. Seek medical attention if irritation persists

**Ingestion:** Rinse mouth out with water. Do not induce vomiting unless directed by medical authority. Keep head below hips if vomiting occurs. Seek immediate medical attention. Aspiration hazard. Never give anything by mouth to an unconscious person.

<b>5</b>	<b>FIRE FIGHTING MEASURES</b>
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**Flammability:** Extremely Flammable Aerosol  
**Flash Point:** Not determined  
 EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, foam, and water spray or fog.

UNSUITABLE EXTINGUISHING MEDIA: Water spray/stream.

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Shut off all sources of ignition. Use water spray to disperse vapor and cool fire exposed containers. Prevent run off from entering streams, sewers, or drinking water supply.

UNUSUAL FIRE AND EXPLOSION HAZARDS: EXTREMELY FLAMMABLE. May develop a flammable atmosphere in confined areas. Vapors heavier than air will settle in low lying areas and may travel to source of ignition and flash back. Contents under pressure. Exposure to temperatures above 120 °F may cause bursting. Keep away from heat, sparks, open flames and other sources of ignition.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, sulfur, and various hydrocarbons.

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<b>6</b>	<b>ACCIDENTAL RELEASE MEASURES</b>
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**PERSONAL PROTECTIVE EQUIPMENT:** Refer to section VIII for proper Personal Protective Equipment.

**SPILL:** Eliminate all sources of ignition. Clean up using rag or use some non-combustible material like vermiculite, sand or earth. Prevent spill from entering sewers, storm drains, and natural waterways. Place waste in proper containers for disposal.

**WASTE DISPOSAL:** Dispose of contents in accordance with federal, state and local regulations. Do not dump in sewers.

**RCRA STATUS:** Waste likely considered D00I (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

<b>7</b>	<b>HANDLING AND STORAGE</b>
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**Handling Precautions:** Wear proper personal protective equipment when using this product. Avoid contact with skin, eyes and clothing. Do not inhale mist or vapor. Store in a cool, dry area. Do not use or store with strong oxidizers. Protect from sunlight. Store in a well ventilated area. Do not expose to temperatures exceeding 50 °C/122 °F. Pressurized container: Do not pierce or burn, even after use.

**Storage Requirements:** Protect from sunlight. Store in a well ventilated area. Do not expose to temperatures exceeding 50 °C/122 °F. Pressurized container: Do not pierce or burn, even after use.

Keep out of the reach of children. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.

INCOMPATIBILITY: Strong acids, strong alkalis, strong oxidizing agents.

<b>8</b>	<b>EXPOSURE CONTROLS/PERSONAL PROTECTION</b>
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**Engineering Controls:** Normal, forced ventilation required. Local exhaust ventilation is generally preferred.

**Personal Protective Equipment:** RESPIRATORY PROTECTION: If exposure levels are exceeded then organic vapor cartridge respirator or SCBA will be needed.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses/goggles and chemical resistant gloves.

Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse. No smoking or open flames.

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Heptane cas#:(142-82-5) [10-20%]

Components with workplace control parameters

TWA	85 ppm 350 mg/m3	USA. NIOSH Recommended Exposure Limits
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C	440 ppm 1,800 mg/m3	USA. NIOSH Recommended Exposure Limits
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15 minute ceiling value

TWA 500 ppm USA. Occupational Exposure Limits  
2,000 mg/m3 (OSHA) - Table Z-1 Limits for Air  
Contaminants

The value in mg/m3 is approximate.

TWA 400 ppm USA. OSHA - TABLE Z-1 Limits for  
1,600 mg/m3 Air Contaminants - 1910.1000

STEL 500 ppm USA. OSHA - TABLE Z-1 Limits for  
2,000 mg/m3 Air Contaminants - 1910.1000

TWA 400 ppm USA. ACGIH Threshold Limit Values  
(TLV)

Central Nervous System impairment  
Upper Respiratory Tract irritation

STEL 500 ppm USA. ACGIH Threshold Limit Values  
(TLV)

Central Nervous System impairment  
Upper Respiratory Tract irritation

Propane cas#:(74-98-6) [10-20%]

Components with workplace control parameters

TWA 1,000 ppm USA. ACGIH Threshold Limit Values  
(TLV)

Central Nervous System impairment  
Cardiac sensitization

TWA 1,000 ppm USA. Occupational Exposure Limits  
1,800 mg/m3 (OSHA) - Table Z-1 Limits for Air  
Contaminants

The value in mg/m3 is approximate.

TWA 1,000 ppm USA. OSHA - TABLE Z-1 Limits for  
1,800 mg/m3 Air Contaminants - 1910.1000

TWA 1,000 ppm USA. NIOSH Recommended  
1,800 mg/m3 Exposure Limits

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**PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Dark Brown, Viscous Aerosol	<b>Odor:</b>	Petroleum odor
<b>Physical State:</b>	Gas	<b>Solubility:</b>	Not determined
<b>Spec Grav./Density:</b>	(H20=1): 0.85 @77 F (25 C)	<b>Flash Point:</b>	Not determined
<b>Viscosity:</b>	> 60 cps	<b>Vapor Density:</b>	Not determined
<b>Boiling Point:</b>	Not determined	<b>VOC:</b>	24.8%
<b>Flammability:</b>	Extremely Flammable Aerosol		
<b>Vapor Pressure:</b>	Not determined		
<b>pH:</b>	N/A		

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**STABILITY AND REACTIVITY**

**Reactivity:** Certain plastics, rubber and coatings.  
**Chemical Stability:** Stable and non-reactive under normal conditions of use, storage and transport.  
 Stable.

**Conditions to Avoid:** Temperatures greater than 122 °F and sources of ignition. Avoid incompatibles.

**Materials to Avoid:** Strong acids, strong alkalis, strong oxidizing agents.  
**Hazardous Decomposition:** Oxides of carbon.  
**Hazardous Polymerization:** None known.

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**TOXICOLOGICAL INFORMATION**

**ROUTES OF ENTRY:** Eyes, Ingestion, Inhalation, Skin

**EYES:** May cause irritation, redness, tearing.

**INGESTION:** Nausea, vomiting, headaches, abdominal pain, diarrhea, dizziness, tremor, drowsiness, pulmonary edemas, absorption through the gastrointestinal tract may produce symptoms of CNS depression ranging from unconsciousness to death.

**INHALATION:** May cause dizziness and/or headaches. May cause respiratory tract irritation. Prolonged exposure may lead to unconsciousness.

**SKIN:** Irritation likely, redness and pain. May cause localized defatting, blistering with prolonged skin contact. May be absorbed through the skin.

**MEDICAL CONDITION AGGRAVATED:** Pre-existing disorders of the skin.

**ACUTE HEALTH HAZARDS:** Causes skin irritation including redness, burning and drying/cracking. Contact with eyes may cause irritation, redness, tearing. Inhalation of mist or vapors may cause respiratory irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration may cause pulmonary edema and pneumonitis.

**CHRONIC HEALTH HAZARDS:** None known.

**CARCINOGENICITY:** OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

Heptane cas#:(142-82-5) [10-20%]

Information on toxicological effects

Acute toxicity: no data available

LC50 Inhalation - rat - 4 h - 103,000 mg/m3

Inhalation: Irritating to respiratory system.

Dermal: no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: Eyes - rabbit Result: No eye irritation (OECD Test Guideline 405)

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACG IH, NTP, or EPA classification.

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IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: May be fatal if swallowed and enters airways.

Additional Information:

RTECS: MI7700000

Prolonged or repeated exposure to skin causes defatting and dermatitis., Central nervous system depression, narcosis, Damage to the lungs.

Stomach - Irregularities - Based on Human Evidence

**Distillates (petroleum), hydrotreated light (64742-47-8) [10-20%]**

LD<sub>50</sub> (Oral, Rat) > 5000 mg/kg; LD<sub>50</sub> (Dermal, Rabbit) > 2000 mg/kg

Propane cas#:(74-98-6) [10-20%]

Information on toxicological effects

Acute toxicity: no data available

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

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Aspiration hazard: no data available

Additional Information:

RTECS: TX2275000

Dizziness, Drowsiness, Unconsciousness

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## ECOLOGICAL INFORMATION

**ECOTOXICITY:** Toxic to aquatic life with long lasting effects.

**PERSISTENCE AND DEGRADABILITY:** Component or components of this product are not biodegradable.

**BIOACCUMULATIVE POTENTIAL:** No additional information available.

**MOBILITY IN SOIL:** *N/D*

**OTHER ADVERSE EFFECTS:** None known.

Heptane cas#:(142-82-5) [10-20%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - *Carassius auratus* (goldfish) - 4 mg/l - 24.0 h.

LC50 - *Tilapia mossambica* - 375 mg/l - 96.0 h

Toxicity to daphnia and EC50 - *Daphnia magna* (Water flea) - 1.50 mg/l - 48 h.  
other aquatic invertebrates

Persistence and degradability: Ratio BOD/ThBOD 3.5 %

Bioaccumulative potential: Indication of bioaccumulation.

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life with long lasting effects.

Do not empty into drains. Avoid release to the environment.

**Distillates (petroleum), hydrotreated light** (64742-47-8) [10-20%]

LC<sub>50</sub> (*Daphnia*, 48h) > 1000 mg/L; EC<sub>50</sub> (*Algae*, 72h) > 1000 mg/L

Propane cas#:(74-98-6) [10-20%]

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

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Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

<b>13</b>	<b>DISPOSAL CONSIDERATIONS</b>
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**WASTE DISPOSAL:** Dispose of contents in accordance with federal, state and local regulations. Do not dump in sewers.

**RCRA STATUS:** Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

<b>14</b>	<b>TRANSPORT INFORMATION</b>
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**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.

**HAZARD CLASS/DIVISION:** 2.1

**UN/NA NUMBER:** UN 1950

**PACKING GROUP:** N/A

**AIR SHIPMENT**

**PROPER SHIPPING NAME:** Aerosols, flammable

**HAZARD CLASS/DIVISION:** 2.1

**UN/NA NUMBER:** UN 1950

**PACKING GROUP:** N/A

**SHIPPING BY WATER:**

**VESSEL (IMO/IMDG)**

**PROPER SHIPPING NAME:**

Aerosols **HAZARD**

**CLASS/DIVISION:** 2.1 UN/NA

**NUMBER:** UN

1950

**PACKING GROUP:** N/A

**ENVIRONMENTAL HAZARDS WATER:** Marine Pollutant

<b>15</b>	<b>REGULATORY INFORMATION</b>
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[%] RQ (CAS#) Substance - Reg Codes

[10-20%] Heptane (142-82-5) MASS, OSHAWAC, PA, TSCA, TXAIR

[10-20%] Distillates, petroleum, hydrotreated light (64742-47-8) TSCA

[10-20%] Propane (74-98-6) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

**Regulatory Code Legend**

MASS = MA Massachusetts Hazardous Substances List

OSHAWAC = OSHA workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

TSCA = Toxic Substances Control Act

TXAIR = TX Air Contaminants with Health Effects Screening Level

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NJHS = NJ Right-to-Know Hazardous Substances

16	<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

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