

Gear Guard

MSDS Number: A265A

Revision Date: 11/12/2015

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1	PRODUCT AND COMPANY IDENTIFICATION
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Manufacturer

Wechem, Inc
5734 Susitna Dr
Harahan, LA 70123

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Web: www.wechem.com

Product Name: Gear Guard
Revision Date: 11/12/2015
MSDS Number: A265A
Product Code: A265
Product Use: Open Gear Lubricant

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

2	HAZARDS IDENTIFICATION
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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.

PERSONAL PROTECTION INDEX																
A												G				
B												H				
C												I				
D												J				
E												K				
F												X	Consult your supervisor or S.O.P for "SPECIAL" handling directions.			
A		n		O		P		Q		r		S		Additional information		
t		U		W		Y		Z								
	Full Respirator		Half Respirator		Gas & Vapor Respirator		Full Face Respirator		Active Hood or Hood							

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GHS Signal Word:
DANGER

GHS Hazard Pictograms:



GHS Classifications:

- Physical, Flammable Aerosols, 1
- Physical, Gases Under Pressure, Liquefied Gas
- Health, Skin corrosion/irritation, 2
- Health, Serious Eye Damage/Eye Irritation, 2 B
- Health, Specific target organ toxicity - Single exposure, 3
- Health, Aspiration hazard, 1

GHS Phrases:

- H222 - Extremely flammable aerosol
- H280 - Contains gas under pressure; may explode if heated
- H315 - Causes skin irritation
- H320 - Causes eye irritation
- H336 - May cause drowsiness or dizziness
- 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.
- P410+403 - Protect from sunlight. Store in a well ventilated place.
- P412 - Do not expose to temperatures exceeding 50 °C/122 °F
- P264 - Wash hands thoroughly after handling.
- P362 - Take off contaminated clothing and wash before reuse.
- P280 - Wear protective gloves.
- P302+352 - IF ON SKIN: Wash with plenty of water.
- P332+313 - If skin irritation occurs: Get medical advice/attention.
- P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do.

Continue rinsing.

- P337 - If eye irritation persists: Get medical attention.
- P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
- P271 - Use only outdoors or in a well-ventilated area.
- P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
- P405 - Store locked up.
- P501 - Dispose of contents/container in accordance with local/regional/state/national/international guidelines.
- P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P331 - Do NOT induce vomiting.

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
142-82-5	Heptane	15-40%	500	500	D
68476-86-8	Propane/ n-butane	10-30%	1000	1000	D
64742-57-0	Hydrotreated Petroleum Oils	3-7%	10 mg/m3	10 mg/m3	D
64742-47-8	Isoparaffinic Hydrocarbon	1-5%	400	400	D

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FIRST AID MEASURES

- 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:** Wash exposed areas of the body with soap and water. Seek medical attention if irritation develops.
- Eye Contact:** Immediately flush with water for 15 minutes while holding eyelids open. Seek immediate medical attention.
- Ingestion:** If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting.

ACUTE HEALTH HAZARDS:

Eyes: Redness, tearing, blurred vision

Skin: Defatting and dermatitis.

Inhalation: Anesthetic, irritation, Central Nervous System depression.

Oral: Abdominal irritation, nausea, vomiting and diarrhea.

CHRONIC HEALTH HAZARDS: None known.

NOTE TO PHYSICIAN: If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

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FIRE FIGHTING MEASURES

Flammability: Extremely Flammable Aerosol

Flash Point: Not determined

Extinguishing media: Dry chemical, foam, or Carbon Dioxide (CO₂). Do not use water jet as an extinguisher, as this will spread the fire.

Special Fire fighting procedures: Wear full protective clothing and NIOSH approved SCBA with full facepiece operated in positive pressure or pressure demand. Use water mist to keep material cool in fire situations.

Unusual Fire and Explosion Hazards: Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

Hazardous Combustion Products: Oxides of carbon.

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ACCIDENTAL RELEASE MEASURES

Refer to section VIII for proper Personal Protective Equipment. Eliminate all sources of ignition. Absorb spill with non-combustible material such as vermiculite, sand or earth.

Dispose of in accordance with local/regional/state/national/international regulations.

Waste likely considered non-hazardous under RCRA, however product should be fully characterized prior to disposal (40CFR261).

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HANDLING AND STORAGE

Handling Precautions: Protect from sunlight. Do not expose to temperatures exceeding 50 C/ 122 F. Pressurized container: Do not pierce or burn, even after use. Keep out Reach of Children

Storage Requirements: Store locked up. Keep out of Reach of Children. Avoid exposing to strong acids, strong alkalis, strong oxidizing agents.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Normal, forced ventilation required. Local exhaust ventilation is generally preferred.

Personal Protective Equip:

Respiratory Protection: If permissible levels are exceeded use NIOSH mechanical filter/organic vapor cartridge or an air-supplied respirator.

Protective gloves: Use chemical resistant gloves if hand contact will be made.

Eye protection: Safety glasses with side shields/chemical proof goggles.

Wash hands thoroughly after handling.

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.

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark Brown, Viscous Aerosol	Flash Point:	Not determined
Physical State:	Gas	Vapor Density:	>1 @77 F (25 C)
Spec Grav./Density:	(H2O=1): 0.85 estimated	VOC:	43 %
Viscosity:	> 60 cps		
Boiling Point:	> 180 F (82 C)		
Flammability:	Extremely Flammable Aerosol		
Vapor Pressure:	30 @ 77 F (25 C)		

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STABILITY AND REACTIVITY

Stability:	Stable and non-reactive under normal conditions of use, storage and transport.
	Reactive with certain plastics, rubber, and coatings.
Conditions to Avoid:	Temperatures greater than 120 F and sources of ignition.
Materials to Avoid:	Strong acids, strong alkalis, strong oxidizing agents.
Hazardous Decomposition:	Oxides of carbon.
Hazardous Polymerization:	Will not occur

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TOXICOLOGICAL INFORMATION

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. Causes mild irritation to the respiratory tract. Prolonged exposure may lead to unconsciousness.
Skin contact	Irritation likely, redness and pain. May cause localized defatting, blistering with prolonged skin contact. May be absorbed through the skin.
Eye contact	Causes irritation., redness, tearing.

May aggravate pre-existing medical conditions.

Data summary for the components are as follows:

Heptane (CAS 142-82-5)

Oral	LD50	15,000 mg/kg	Rat
Inhalation	LC50	103 g/m3, 4h	Rat
Dermal	LD50	2,000 mg/kg	Rabbit

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ECOLOGICAL INFORMATION

No Information established.

Component or components of this product are not biodegradable.

This product is not expected to bioaccumulate.

This product is mobile in soil.

This material is toxic to aquatic life.

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DISPOSAL CONSIDERATIONS

Dispose of in accordance with local/regional/state/national/international regulations.

Waste likely considered non-hazardous under RCRA, however product should be fully characterized prior to disposal (40CFR261).

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TRANSPORT INFORMATION

DOT

UN number UN1950
UN proper shipping name Aerosols, Ltd. Qty.
Transport hazard class(es) 2.1
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IATA

UN number UN1950
UN proper shipping name Aerosols, Ltd. Qty.
Transport hazard class(es) 2.1
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN number UN1950
UN proper shipping name AEROSOLS, Ltd. Qty.
Transport hazard class(es) 2.1
Environmental hazards
Marine pollutant Yes
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.
Packaging exceptions NOT a LTD QTY

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REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Heptane (142825 15-40%) MASS, OSHAWAC, PA, TSCA, TXAIR

*Hydrotreated Petroleum oils (64742570 3-7%) TSCA

*Isoparaffinic Hydrocarbon (64742478 1-5%) TSCA

*Propane/n-butane (68476868 10-30%) TSCA

REGULATORY KEY DESCRIPTIONS

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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OTHER INFORMATION

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. ** Chemical listed as carcinogen or potential carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not listed [e] Animal Data only
N/A = Not available N/D = Not determined