



Conventional Gear Oil (GL-5)

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Revision Date: 10/26/2022

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Supersedes Date: 01/25/2022

Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: PROPROTECT Conventional Gear Oil (GL-5) 80W-90, 85W-40

Product Code: 265809X, 265851X

Synonyms: Petroleum oil; Lube oil; Petroleum hydrocarbon; Lubricant; Automotive gear oil

SDS No.: 820451

1.2. Intended Use of the Product

For lubricating differentials and final drives of automotive equipment. For professional use only.

1.3. Name, Address, and Telephone of the Responsible Party

FOR PRODUCT MANUFACTURED IN THE U.S.A.:

Manufacturer

Safety-Kleen Systems, Inc.

42 Longwater Drive

Norwell, MA 02061-9149

U.S.A.

1-800-669-5740

www.safety-kleen.com

Supplier (in Canada)

Safety-Kleen Canada, Inc.

25 Regan Road

Brampton, Ontario, L7A 1B2

Canada

1-800-669-5740

www.safety-kleen.com

FOR PRODUCT MANUFACTURED IN CANADA:

Manufacturer

Safety-Kleen Canada, Inc.

25 Regan Road

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Norwell, MA 02061-9149

U.S.A.

1-800-669-5740

www.safety-kleen.com

1.4. Emergency Telephone Number

Emergency Number : 1-800-468-1760

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US/CA Classification

Not classified.

2.2. Label Elements

GHS-US/CA Labeling

No labeling applicable according to 29 CFR 1910.1200 and the Hazardous Products Regulations (HPR) SOR/2015-17.

2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US/CA)

No additional information available

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

| Name | Synonyms | Product Identifier | % * | GHS Ingredient Classification |
|---------------------------|---|----------------------|------------|---|
| Amines, C12-14-tert-alkyl | (C12-14)tert-Alkylamines / C12-14-tert-Alkyl amines / C12-14-tert-Alkylamines | (CAS-No.) 68955-53-3 | 0.28 – 0.6 | Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Dermal), H312 Acute Tox. 2 (Inhalation), H330 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1B, H317 |

Full text of H-statements: see section 16

*Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 5 minutes. Obtain medical attention if irritation develops or persists.

Eye Contact: Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

General: Not expected to present a significant hazard under anticipated conditions of normal use.

Inhalation: Prolonged exposure may cause irritation.

Skin Contact: Prolonged exposure may cause skin irritation.

Eye Contact: May cause slight irritation to eyes.

Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: None expected under normal conditions of use.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, fog, carbon dioxide (CO₂), alcohol-resistant foam, or dry chemical.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon oxides (CO, CO₂). Nitrogen oxides. Phosphorus oxides. Sulfur oxides. Hydrogen sulfide. Smoke.

Other Information: Do not allow run-off from fire fighting to enter drains or water courses.

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5.4. Reference to Other Sections

Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid prolonged contact with eyes, skin and clothing. Avoid breathing (vapor, mist, spray).

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental Precautions

Avoid release to the environment.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Precautions for Safe Handling: Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapors, mist, spray. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s)

For lubricating differentials and final drives of automotive equipment. For professional use only.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), or Canadian provincial governments.

| Mineral oils | | |
|-------------------------|--------------------|---|
| USA ACGIH | ACGIH OEL TWA | 5 mg/m ³ Pure, highly and severely refined: 5 mg/m ³ TWA (inhalable particulate matter). Poorly and mildly refined: Exposure by all routes should be carefully controlled to levels as low as possible. |
| USA OSHA | OSHA PEL (TWA) [1] | 5 mg/m ³ |
| USA NIOSH | NIOSH REL (TWA) | 5 mg/m ³ |
| Alberta | OEL TWA | 5 mg/m ³ |
| British Columbia | OEL TWA | 1 mg/m ³ Severely refined [0.2 mg/m ³ for mildly refined oils] |
| Manitoba | OEL TWA | 5 mg/m ³ ACGIH Value |
| Newfoundland & Labrador | OEL TWA | 5 mg/m ³ ACGIH |
| Nova Scotia | OEL TWA | 5 mg/m ³ ACGIH |
| Nunavut | OEL STEL | 10 mg/m ³ |

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| | | |
|-----------------------|-----------------|---|
| Nunavut | OEL TWA | 5 mg/m ³ |
| Northwest Territories | OEL STEL | 10 mg/m ³ |
| Northwest Territories | OEL TWA | 5 mg/m ³ |
| Ontario | OEL TWA | 5 mg/m ³ Pure, highly and severely refined |
| Québec | VECD (OEL STEL) | 10 mg/m ³ |
| Québec | VEMP (OEL TWA) | 5 mg/m ³ |
| Saskatchewan | OEL STEL | 10 mg/m ³ |
| Saskatchewan | OEL TWA | 5 mg/m ³ |
| Yukon | OEL STEL | 10 mg/m ³ |
| Yukon | OEL TWA | 5 mg/m ³ |

8.2. Exposure Controls

Appropriate Engineering Controls: Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

Personal Protective Equipment: Gloves. Protective clothing. Safety glasses with side-shields. Insufficient ventilation: wear respiratory protection.



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear protective gloves.

Eye and Face Protection: Safety glasses with side-shields.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

| | |
|--|--|
| Physical State | : Liquid |
| Appearance | : Amber |
| Odor | : Petroleum |
| Odor Threshold | : No data available |
| pH | : No data available |
| Evaporation Rate | : No data available |
| Melting Point | : No data available |
| Freezing Point | : No data available |
| Boiling Point | : No data available |
| Flash Point | : 190 °C (374 °F) Cleveland Open Cup |
| Auto-ignition Temperature | : No data available |
| Decomposition Temperature | : No data available |
| Flammability (solid, gas) | : Not applicable |
| Lower Flammable Limit | : No data available |
| Upper Flammable Limit | : No data available |
| Vapor Pressure | : <0.1 mmHg @ 20° C (68°F) |
| Relative Vapor Density at 20°C | : No data available |
| Relative Density | : 0.89 (Water = 1) |
| Specific Gravity | : No data available |
| Solubility | : Water: Insoluble |
| Partition Coefficient: N-Octanol/Water | : No data available |
| Viscosity | : > 20.5 mm ² /s (@40 °C) |
| VOC content | : Negligible; As per 40 CFR Part 51.100(s) |

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SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity:

Hazardous reactions will not occur under normal conditions.

10.2. Chemical Stability:

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of Hazardous Reactions:

Hazardous polymerization will not occur.

10.4. Conditions to Avoid:

Direct sunlight, extremely high or low temperatures, and incompatible materials.

10.5. Incompatible Materials:

Strong acids, strong bases, strong oxidizers.

10.6. Hazardous Decomposition Products:

Thermal decomposition may produce: Carbon oxides (CO, CO₂). Nitrogen oxides. Phosphorus oxides. Sulfur oxides. Hydrogen sulfide.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects - Product

Acute Toxicity (Oral): Not classified

Acute Toxicity (Dermal): Not classified

Acute Toxicity (Inhalation): Not classified

LD50 and LC50 Data:

No additional information available

Skin Corrosion/Irritation: Not classified

Eye Damage/Irritation: Not classified

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified.

Carcinogenicity: Not classified.

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified.

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: Prolonged exposure may cause skin irritation.

Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: None expected under normal conditions of use.

11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

| Amines, C12-14-tert-alkyl (68955-53-3) | |
|--|------------|
| LD50 Oral Rat | 300 mg/kg |
| LD50 Dermal Rabbit | 1120 mg/kg |
| LC50 Inhalation Rat | 157 ppm/4h |

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SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General: Harmful to aquatic life with long lasting effects.

| | |
|---|--|
| Amines, C12-14-tert-alkyl (68955-53-3) | |
| LC50 Fish 1 | 1.3 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) |

12.2. Persistence and Degradability

| | |
|--|---|
| Performance Plus Conventional Gear Oil (GL-5) | |
| Persistence and Degradability | May cause long-term adverse effects in the environment. |

12.3. Bioaccumulative Potential

| | |
|--|------------------|
| Performance Plus Conventional Gear Oil (GL-5) | |
| Bioaccumulative Potential | Not established. |

12.4. Mobility in Soil

No additional information available

12.5. Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.

Ecology - Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT

Not regulated for transport

14.2. In Accordance with IMDG

Not regulated for transport

14.3. In Accordance with IATA

Not regulated for transport

14.4. In Accordance with TDG

Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

| | |
|--|--|
| Amines, C12-14-tert-alkyl (68955-53-3) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active | |

15.2. US State Regulations

The product and/or its components does not appear on any state Right to Know lists or the Canadian Ingredient Disclosure List (IDL) at or above the reporting threshold.

15.3. Canadian Regulations

| | |
|---|--|
| Amines, C12-14-tert-alkyl (68955-53-3) | |
| Listed on the Canadian DSL (Domestic Substances List) | |

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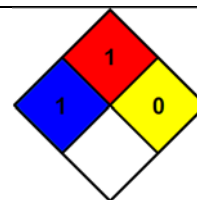
SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

- Date of Preparation or Latest Revision** : 10/26/2022
- Indication of Changes** : Review of data. Hazards identification. Language modified.
- Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2015-17.

GHS Full Text Phrases:

| | |
|------|---|
| H301 | Toxic if swallowed |
| H312 | Harmful in contact with skin |
| H314 | Causes severe skin burns and eye damage |
| H317 | May cause an allergic skin reaction |
| H318 | Causes serious eye damage |
| H330 | Fatal if inhaled |

- NFPA Health Hazard : 1 - Materials that, under emergency conditions, can cause significant irritation.
- NFPA Fire Hazard : 1 - Materials that must be preheated before ignition can occur.
- NFPA Reactivity Hazard : 0 - Material that in themselves are normally stable, even under fire conditions.



The information contained herein is correct to the best of our knowledge, information, and belief and is designed only as guidance for the handling, use, processing, storage, transportation, disposal, and release of the product. User assumes all risks incident to use of this product and shall determine the quality and suitability of the product for its use. Supplier offers no warranty, express or implied, whatsoever, including warranties of merchantability or fitness for a particular purpose or otherwise, and specifically disclaims any and all liability for incidental, consequential, or other damages arising out the use or misuse of the product. The information provided relates only to the specific material provided and may not be valid if used in combination with any other materials or process, unless specified herein.

NA GHS SDS 2015 (Can, US)