



**Safety Data Sheet
CONKLIN COMPANY, INC.**

Date Prepared: 1/9/2026

SDS Number: 3049

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier Gold Guard SAE 50	General Use SAE 50 Parasyntetic Gear Lubricant
Manufacturer's Name Conklin Company	Emergency Telephone Numbers Health: (888) 786-0974 Transport: (800) 424-9300
Address (Number, Street, City, State and Zip) 551 Valley Park Drive Shakopee, MN 55379	Phone Number for Additional Information (952) 445-6010 Website: www.conklin.com

SECTION 2 - HAZARDS IDENTIFICATION

Signal Word:	Warning
Hazard statements:	Harmful if swallowed or inhaled. Causes eye irritation. Prolonged contact causes skin irritation.

Precautions: Avoid breathing mist, vapors and spray.
Use only outdoors or in a well ventilated area.
Do not eat, drink or smoke when using this product.
Wear gloves, safety glasses or goggles, and long-sleeved clothing when handling.
Wash hands thoroughly after handling.

Response: 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 or attention.
If swallowed: Immediately call a physician or Poison Control Center.
Rinse Mouth.
If on skin: Wash with plenty of soap and water.
If skin irritation occurs: Get medical advice or attention.
Immediately take off all contaminated clothing and wash it before reuse.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
Immediately call a physician or Poison Control Center.

Potential Health Effects, Based on Individual Components (May Vary Among Individuals)

Eye: Liquid, fumes, mists, or vapors may cause irritation.

Skin: May cause irritation.

Ingestion: May cause moderate irritation to mouth, throat, and stomach, along with nausea and vomiting.

Inhalation: May cause irritation to respiratory tract (mouth, nose, throat and lungs).

Medical conditions aggravated by exposure:

None known

Chronic effect Not known to contain component(s) at 0.1% or greater listed as a carcinogen or possible carcinogen.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	Percent by Weight
Poly-Alpha Olefin (PAO) 4	68649-12-7	30% to 60%
Proprietary	Proprietary	30% to 60%
Mineral Oil Mixture	Proprietary	7% to 13%
1-Decene, Homopolymer	68037-01-4	5% to 10%

Actual concentration is withheld as a trade secret. See Section 8 for exposure guidelines.

SECTION 4 - FIRST AID MEASURES

EYES: Immediately flush the contaminated eye(s) with clean, lukewarm, gently flowing water for at least 5 minutes, while holding the eyelid(s) open. Obtain medical advice.

SKIN: No health effects expected. If irritation does occur, flush with lukewarm water, gently flowing water for 5 minutes. If irritation persists, obtain medical advice.

INGESTION: Never give anything by mouth to a victim who is rapidly losing consciousness, is unconscious, or is convulsing. Have victim rinse mouth thoroughly with water. Do NOT induce vomiting. Have victim drink a glass of water (2 to 8 ounces or 60 to 240 mL). Immediately obtain medical attention.

INHALATION: If symptoms are experienced, remove source of contamination or move victim to fresh air. Obtain medical advice.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: > 200°F

EXINGUISHING MEDIA: Foam, dry chemical, CO₂.

SPECIAL FIRE FIGHTING PROCEDURES: Limit use of water spray to cool containers and to protect personnel. Water may not be effective to extinguish a fire involving this material. Vapors are heavier than air and may be ignited after traveling considerable distances, causing flashback or explosion. Firefighters should use approved self-contained breathing apparatus and full turn-out (Bunker) gear when fighting fires involving chemicals, to protect against possible toxic fumes or vapors. Cool and use caution when approaching fire-exposed containers.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURE: Use personal protection recommended in Section 8. Ventilate area thoroughly. Stay upwind. Isolate area from unprotected personnel. Dike to prevent spill from spreading. Collect with compatible absorbent material and place in metal container with tight fitting cover. Floor may be slippery - use care and clean thoroughly. Keep out of sewer, septic system, ground water, and open waters. Notify federal, state and local authorities, as applicable.

SECTION 7 - HANDLING AND STORAGE

STORAGE TEMPERATURE: Store above 40°F and below 100°F.

HANDLING AND STORAGE PRECAUTIONS: Use personal protection recommended in Section 8. Do not cut, weld, drill, or otherwise expose empty or full containers to heat, sparks, pilot lights, open flames, static electricity, or other sources of heat or ignition. Open containers slowly in case of pressure accumulation. Bond and ground containers and equipment during transfer. Vapors are/may be heavier than air and may cause ignition away from storage or handling location. Use non-sparking tools. Protect from direct sunlight. Store in dry, cool, ventilated area in tightly closed containers out of the reach of children. Do not store on side. Avoid creasing or impacting container sidewalls. Empty containers may be hazardous. Do not eat, drink, or smoke in chemical use or storage areas. Wash hands after handling and before eating, drinking, or smoking. Do not rub eyes with soiled hands. See Section 10 for metals or other materials to avoid.

SECTION 8 - PERSONAL PROTECTION/EXPOSURE CONTROLS

ENGINEERING CONTROLS: Provide sufficient general and local exhaust ventilation to maintain safe exposure levels. Take measures to minimize exposure. Provide a source of clean water for flushing eyes and skin.

EYE PROTECTION REQUIREMENTS: Use ANSI-approved eye protection (e.g. safety glasses, goggles), as required by work conditions. Use ANSI-approved chemical splash goggles and face shield if splashing may occur.

SKIN PROTECTION REQUIREMENTS: Chemical-resistant gloves and clothing, as needed, to prevent skin contact. Wash hands before eating, drinking, or smoking.

RESPIRATORY PROTECTION: To protect against inhalation, a NIOSH-approved air-purifying respirator with organic vapor cartridges may be permissible. Use a positive pressure air-supplied respirator for unknown or uncontrolled situations, or when air-purifying respirators may not provide adequate protection.

AIRBORNE EXPOSURE LIMITS

Components	OSHA PEL/TWA	ACGIH TLV/TWA	STEL
Mineral Oil Mixture	TWA 5 mg/m ³ as oil mist, if generated	TWA 5 mg/m ³ as oil mist, if generated	10 mg/m ³ as oil mist, if generated

Definitions:

PEL = Permissible Exposure Limit

TLV = Threshold Limit Value

TWA = Time-weighted average (8 hour day)

STEL = Short term exposure limit (15 minutes), no more than 60 min./day

(c) = Ceiling (not to be exceeded under any condition)

(s) = Skin

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Liquid, > 120 cst @ 40°C	Solubility in Water:	Insoluble
Color:	Clear, Yellow	Specific Gravity (Water = 1):	0.847 - 0.85
Odor:	Petroleum	Evaporation Rate (Butyl Acetate = 1):	< 1
Boiling Range:	Not determined	Vapor Pressure (mm Hg):	Not determined
pH:	Not applicable	Vapor Density (Air = 1):	> 1
VOC:	0% by weight	Particle Characteristics:	Liquid, not applicable

SECTION 10 – REACTIVITY

Stability: Stable under anticipated storage and handling conditions.

Hazardous Polymerization: Will not occur.

Incompatibilities (Materials to Avoid): Avoid strong oxidizers and excessive heat.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, phosphorus oxides, and sulfur oxides.

SECTION 11 - TOXICOLOGICAL INFORMATION

Product not tested as a whole. Refer to Section 3 for potential health effects.

SECTION 12 – ECOLOGICAL INFORMATION

Product not tested as a whole. Refer to Section 6 for information regarding accidental releases. Keep out of trash, water, sewer, and drainage systems.

SECTION 13 - DISPOSAL CONSIDERATIONS

Recycle or dispose of contents and empty containers according to federal, state and local regulations. Keep out of trash, water, sewer, and drainage systems. Oils and solvents may be recycled, incinerated, or fuel blended at an EPA-permitted facility.

SECTION 14 - TRANSPORTATION INFORMATION

Not a DOT Hazardous Material.

SECTION 15 - REGULATORY INFORMATION

California Proposition 65 statement: This product does NOT contain chemicals known to the State of California to cause cancer and/or birth defects or other reproductive harm.

Does not contain any chemicals subject to the reporting requirements of SARA Title III, Section 313 (40 CFR Part 372) above de minimis concentrations.

SECTION 16 - OTHER INFORMATION

This document replaces the 1/2/2023 version. All Safety Data Sheets reviewed for composition and regulatory status.

The information contained in this Safety Data Sheet is based on data available to us from suppliers, and is believed to be true and correct; however, Conklin makes no warranty, express or implied, regarding the accuracy of this data or results obtained from the use of this product. Conklin and its employees assume no responsibility for injury or damage from the use of this product.