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Trade name: CG 5330 Tap Oil

SECTION 1: Identification

Product identifier:	CG 5330 Tap Oil	Sold as: LP-LO-4 & LP-LO-8
Synonyms:	None available.	Fine Lapping Oil
Product Code Number:	FG06024.	Sold by: Goodson Manufacturing Co.
SDS number:	CGF016	156 Galewski Dr Winona, MN 55987
Recommended use:	Tapping/ Threading Oil.	1-800-533-8010
Recommended restrictions:	None known.	

Manufacturer/Importer/Supplier/Distributor information:

Company Name:	CGF Inc.
Company Address:	317 Peoples Ave Rockford, IL 61104
Company Telephone:	Office hours (Mon – Fri) 8.00am – 4:30pm (CST) (815) 967-4400
Company Contact Name:	Main Office.
Emergency phone number:	CHEMTREC 24 HOUR EMERGENCY NUMBER: (800) 424 9300.

SECTION 2: Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

Physical hazards

No physical hazards for this product.

Health hazards

Not expected to be a health hazard when used under normal conditions.

Environmental hazards

No environmental hazards for this product.

GHS Signal word: No signal word required.

GHS Hazard statement(s): Not expected to be a health hazard when used under normal conditions.

GHS Hazard symbol(s): No Hazard Symbol required

GHS Precautionary statement(s): Not applicable

**Hazard(s) not otherwise
Classified (HNOC):**

Causes necrosis if injected into/under the skin. An aspiration hazard may be valid if the oil is vaporized under pressure.

Percentage of ingredient(s) of unknown acute toxicity:

Not applicable

SECTION 3: Composition/information on ingredients

Mixture:

Chemical name	Concentration (weight %)	CAS#
Petroleum Distillates, Solvent Dewaxed Heavy Paraffinic	70 - 90%	64742-65-0

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret due to the proprietary nature of one of the components.

SECTION 4: First-aid Measures

Inhalation: No data available on this material. Tests on similar material indicate that no significant adverse health effects are expected to occur upon short-term exposure. Vaporization is not expected at ambient temperatures, but should inhalation occur, immediately remove personnel from contaminated area to fresh air. Obtain medical attention if there are signs of breathing difficulties.

Skin contact: Tests on similar materials indicate that no irritation is expected from short-term exposure. Prolonged and/or repeated contact with this material may produce skin irritation and inflammation. Remove by wiping; then wash skin thoroughly with plenty of soap and water. Remove contaminated clothing and thoroughly clean before reuse. Discard contaminated leather gloves and shoes.

Eye contact: Tests on similar materials suggest that no irritation is expected from short-term exposure. Flush eyes with clean, low-pressure water for at least 15 minutes, occasionally lifting eyelids. If pain or redness persists after flushing, obtain medical attention.

Ingestion: If more than a half-cup of this material is swallowed, give quantities of water, do not induce vomiting and obtain medical attention.

Most important symptoms/effects, acute and delayed: Not expected to be a health hazard when used under normal conditions. An aspiration hazard may be appropriate if the oil is vaporized under pressure.

Indication of immediate medical attention and special treatment needed: None known.

SECTION 5: Fire-fighting measures

Suitable extinguishing media: Dry chemical and carbon dioxide. Foam and water fog are effective but may cause frothing.

Unsuitable extinguishing media: No data available.

Specific hazards arising from the chemical: Slightly combustible! When heated above its flash point, this material will release flammable vapors which can burn in the open or be explosive in confined spaces if exposed to an ignition source. Mists or sprays may be flammable at temperatures below the normal flash point. Keep away from extreme heat and open flame.

Combustion products - Carbon monoxide, Carbon dioxide.

Special protective equipment and precautions for fire-fighters: For fire involving this material, do not enter any enclosed or confined fire space without proper protective equipment. This may include self-contained breathing apparatus to protect against the hazardous effects of combustion products and oxygen deficiencies. Notify appropriate authorities if liquid enters sewers/waterways.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures: Stay upwind and away from spill/release. Avoid direct contact with liquid and vapors. For large spillages, notify persons downwind of the spill/release, isolate immediate hazard area and keep unauthorized personnel out. Evacuate non-essential personnel from immediate area due to slipping hazards. This material will float on water. Wear appropriate protective equipment, including respiratory protection, as conditions warrant (see Section 8). See Sections 2 and 7 for additional information on hazards and precautionary measures.

Environmental Precautions: Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems, and natural waterways. This material will float on water. Use water sparingly to minimize environmental contamination and reduce disposal requirements. If spill occurs on water notify appropriate authorities and advise shipping of any hazard.

Methods and material for containment and cleaning up:

Small Spill: Absorb liquid on paper, vermiculite, floor absorbent, or other absorbent material.

Large Spill: Persons not wearing protective equipment should be excluded from area of spill until cleanup has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent and other absorbent material and shoveled into containers. Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required.

SECTION 7: Handling and Storage

Precautions for safe handling: Use with adequate ventilation. Wash thoroughly after handling. Wear protective gloves/clothing and eye/face protection. Do not breathe vapors or mists. Use good personal hygiene practices and wear appropriate personal protective equipment (see section 8).

Conditions for safe storage, including any incompatibles: Keep container(s) tightly closed and properly labeled. Store only in approved containers. Keep away from any incompatible material (see Section 10). Protect container(s) against physical damage.

To avoid product degradation, water contamination should be avoided and minimum feasible handling temperatures should be maintained. Periods of exposure to high temperatures (>200F) should be minimized. Product degradation might increase health hazard risks.

"Empty" containers retain residue and may be dangerous. "Empty" drums should be completely drained, properly bunged, and promptly shipped to the supplier or a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

SECTION 8: Exposure controls/personal protection

Control Parameters:

Occupational exposure limits:

US OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200): Permissible Exposure Limits		
Substance	PEL-TWA (8 hour)	PEL-STEL (15 min)
Petroleum Distillates, Solvent Dewaxed Heavy Paraffinic (as oil mist)	5 mg/m3	No data available

US ACGIH Threshold Limit Values		
Substance	TLV-TWA (8 hour)	TLV-STEL (15 min)
Petroleum Distillates, Solvent Dewaxed Heavy Paraffinic (as oil mist)	5 mg/m3	No data available

NIOSH Exposure Limits		
Substance	TWA	STEL
Petroleum Distillates, Solvent Dewaxed Heavy Paraffinic (as oil mist)	5 mg/m3	10 mg/m3

Appropriate engineering controls: General (mechanical) room ventilation is expected to be adequate. Special local ventilation is suggested at points where vapors can be expected to escape to the workplace air.

Individual protection measures, such as personal protective equipment:

Eye/face protection: The use of eye protection, such as safety glasses in compliance with OSHA regulations are advised, however, OSHA also permit other type safety glasses to protect against potential eye contact, irritation, or injury. In case of splashing or spraying or hot material, wear goggles and/or face shield. Have suitable eyewash water available.

Skin and Hand protection: The use of gloves impervious to the specific material handled is advised to prevent skin contact. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Respiratory protection: If excessive misting occurs, or if associated TLV is exceeded, provide NIOSH approved self-contained breathing apparatus. A respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed whenever workplace conditions warrant a respirator's use. Air purifying respirators provide limited protection and cannot be used in atmospheres that exceed the maximum use concentration (as directed by regulation or the manufacturer's instructions), in oxygen deficient (less than 19.5 percent oxygen) situations, or under conditions that are immediately dangerous to life and health (IDLH).

Other: Eye bath and safety shower facilities should be available in the work area. Chemical aprons should be used.

Thermal hazards: No data available.

SECTION 9: Physical and chemical properties

Appearance

Physical state:	Liquid
Form:	Liquid
Color:	Clear golden.
Odor:	Mild odor.
Odor threshold:	No data available
pH:	No data available
Melting point/freezing point:	No data available
Initial Boiling Point/Range:	No data available
Flash point:	400-450 F
Evaporation rate:	No data available
Flammability (solid, gas):	Not applicable
Upper/lower flammability or explosive limits	
Flammability limit – lower (%):	No data available
Flammability limit – upper (%):	No data available

Explosive limit – lower (%): No data available
Explosive limit – upper (%): No data available
Vapor pressure: No data available
Vapor density: No data available
Specific gravity: 0.88
Solubility in water: No data available.
Partition coefficient (n-octanol/water): No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Viscosity: 31-54 cSt @ 40°C

Other information:

% Volatile by volume: No data available
Pour Point: No data available

SECTION 10: Stability and Reactivity

Reactivity: Not chemically reactive.
Chemical stability: Stable under normal ambient and anticipated conditions of use.
Possibility of hazardous reactions: Hazardous reactions not anticipated.
Conditions to avoid: No data available.
Incompatible materials: Avoid contact with strong acids, alkalis and oxidizers such as oxygen and liquid chlorine.
Hazardous decomposition Products: Burning or excessive heating may produce carbon monoxide and other harmful substances.

SECTION 11: Toxicological information

Information on likely routes of exposure:

Inhalation: Not expected to be a primary route of exposure.
Ingestion: Not expected to be a primary route of exposure.
Skin: Not expected to be a primary route of exposure.
Eye: Not expected to be a primary route of exposure.

Symptoms related to the physical, chemical, and toxicological characteristics:

Not expected to be a health hazard when used under normal conditions. An aspiration hazard is only valid if the oil is vaporized under pressure.

Delayed and immediate effects and chronic effects from short or long-term exposure:

None known.

Acute toxicity:

Ingredient Information:

Substance	Test Type (species)	Value
Petroleum Distillates, Solvent Dewaxed Heavy Paraffinic	LD ₅₀ Oral (Rat)	>5000 mg/kg
	LD ₅₀ Dermal (Rabbit)	>5000 mg/kg
	LC ₅₀ Inhalation (Rat)	>5 mg/l (4h)

Product Acute Toxicity Estimates:

Acute Oral Toxicity – no data available
Acute Dermal Toxicity - no data available
Acute Inhalation Toxicity - no data available

Skin corrosion/irritation: No information available on the mixture, however none of the components have been classified as causing skin corrosion/irritation (or are below the concentration threshold for classification).

Serious eye damage/eye irritation: No information available on the mixture, however none of the components have been classified as causing eye damage/irritation (or are below the concentration threshold for classification).

Respiratory sensitization: No information available on the mixture, however none of the components have been classified as a respiratory sensitizer (or are below the concentration threshold for classification).

Skin sensitization: No information available on the mixture, however none of the components have been classified as a skin sensitizer (or are below the concentration threshold for classification).

Germ cell mutagenicity: No information available on the mixture, however none of the components have been classified for Germ cell mutagenicity (or are below the concentration threshold for classification).

Carcinogenicity: No information available on the mixture, however none of the components have been classified for carcinogenicity (or are below the concentration threshold for classification).

Reproductive toxicity: No information available on the mixture, however none of the components have been classified for reproductive toxicity (or are below the concentration threshold for classification).

**Specific target organ toxicity-
 Single exposure:**

No information available on the mixture, however none of the components have been classified for STOT SE (or are below the concentration threshold for classification).

**Specific target organ toxicity-
 Repeat exposure:**

No information available on the mixture, however none of the components have been classified for STOT RE (or are below the concentration threshold for classification).

Aspiration hazard:

Based upon information available on the known components, this product is not expected to be a health hazard when used under normal conditions. An aspiration hazard may occur if the oil is vaporized under pressure.

Further information:

No data available.

SECTION 12: Ecological information

Ecotoxicity:

Product data: No data available

Ingredient Information:

Substance	Test Type	Species	Value
Petroleum Distillates, Solvent Dewaxed Heavy Paraffinic	LC ₅₀	Fish	Practically non toxic: LL/EL/IL50 > 100 mg/l
	LC ₅₀	Aquatic crustacea	Practically non toxic: LL/EL/IL50 > 100 mg/l
	EC ₅₀	Algae	Practically non toxic: LL/EL/IL50 > 100 mg/l

Toxicity: Poorly soluble mixture. May cause physical fouling of aquatic organisms.

Persistence and Degradability: Major constituents are expected to be readily biodegradable, but the product contains components that may persist in the environment.

Bioaccumulative Potential: Contains components with the potential to bioaccumulate.

Mobility in Soil: Liquid under most environmental conditions. Floats on water. If it enters soil, it will adsorb to soil particles and will not be mobile.

Other adverse effects: Product is a mixture of non-volatile components, which are not expected to be released to air in any significant quantities. Not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential.

SECTION 13: Disposal considerations

Disposal instructions:

Maximize product recovery for reuse or recycling. Conditions of use may cause this material to become a "hazardous waste", as defined by state or federal laws. Use approved treatment, transporters and disposal sites in compliance with all applicable laws.

The generator of a waste is always responsible for making proper hazardous waste determinations and needs to consider state and local requirements in addition to federal regulations.

See Sections 7 and 8 for information on handling, storage and personal protection and Section 9 for physical/chemical properties. It is possible that the material as produced contains constituents which are not required to be listed in the SDS but could affect the hazardous waste determination. Additionally, use which results in chemical or physical change of this material could subject it to regulation as a hazardous waste.

SECTION 14: Transport Information

Land Transport DOT:	Not regulated.
Air Transport IATA:	Not regulated.
Sea Transport IMDG:	Not regulated.

SECTION 15: Regulatory Information

USA:

United States Federal Regulations: This SDS complies with the OSHA, 29 CFR 1910.1200. The product is not hazardous under OSHA.

Toxic Substances Control Act (TSCA) – All substances in this product are listed, as required, on the TSCA inventory.

SARA Superfund and Reauthorization Act of 1986 Title III sections 302, 311,312 and 313:

Section 302 – No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

CERCLA Hazardous Substance List, 40 CFR 302.4: This product does not contain chemicals listed on CERCLA.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):
None

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3): None

SARA Title III

Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A): None

Section 311/312 (40 CFR 370):

Acute Health Hazard: No
Chronic Health Hazard: No
Fire Hazard: No
Pressure Hazard: No
Reactivity Hazard: No

Section 313 Toxic Release Inventory (40 CFR 372):
None

STATE REGULATIONS:

This SDS contains specific health and safety data is applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

California Proposition 65 (California Safe Drinking Water and Toxic Enforcement Act of 1986): No components are listed on Prop 65.

Massachusetts Right to Know: Petroleum Distillates, Solvent Dewaxed Heavy Paraffinic (as oil mist, mineral) is listed on the Massachusetts Right to Know List.

Minnesota Hazardous Substance List: No components are listed on the Minnesota Hazardous Substance List.

New Jersey Right to Know: No components are listed on the New Jersey Right to Know list.

Pennsylvania Right to Know: No components are listed on the Pennsylvania Right to Know List.

Rhode Island Hazardous Substance List: No components are listed on the Rhode Island Hazardous Substance List.

Canada WHMIS Hazard Class: Not classified as hazardous.

SECTION 16: Other Information

Revision Date: Sept 6, 2015

To the best of our knowledge, the information contained herein is accurate. However, CGF INC does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.