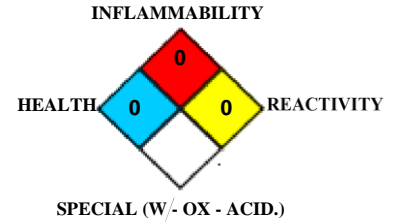




20W50 SN

NFPA 704



SAFETY DATA SHEET (SDS)

1. IDENTIFICATION OF THE PRODUCT AND COMPANY

Name: Lubricant Oil 20W50

Chemical Name: Petroleum Hydrocarbon

Producer: Olein Recovery Corp

Commercial Name: GOLDEN SUPREME 20W50 SN

Emergency Tel.: + 1 800 542 7209
+ 1 787 266 2103

Address: Carretera 901 Km. 2.7 Bo. Camino Nuevo. Yabucoa. Puerto Rico. PR 00767.

Fax:+1 787 893 0224

Web:www.oleinrefinery.com

2. HAZARDS IDENTIFICATION

OSHA/HCS status: The material is considered non-hazardous according to regulatory guidelines.

Substance/mixture: This product is a mixture.

Classification of the substance or mixture: Transient mild skin irritation – Category 3
Transient eye irritation – Category 2B

GHS label elements

Hazard pictograms: No pictogram

Signal word: WARNING

Hazard statements: This product can cause mild, transient skin irritation with short-term exposure.

Precautionary statements:

P264 Wash... thoroughly after handling.

HEALTH RISKS

Target Organs: May cause damage to the following organs: skin.

Eye Contact: This product can cause transient mild eye irritation with short-term contact with liquid sprays or mists. Symptoms include stinging, watering, redness, and swelling.

Skin Contact: This product can cause mild, transient skin irritation with short-term exposure.



Skin contact with hot material may result in severe burns.

Inhalation: At elevated temperatures or in enclosed spaces, product mist or vapors may irritate the mucous membranes of the nose, the throat, bronchi, and lungs.

Ingestion: If swallowed, this material can cause a laxative effect.

EFFECTS OF LONG-TERM EXPOSURE (CHRONIC):

Chronic Health

Effects Summary: This product contains a petroleum-based mineral oil. Prolonged or repeated skin contact can cause mild irritation and inflammation characterized by drying, cracking, (dermatitis) or oil acne. Repeated or prolonged inhalation of petroleum-based mineral oil mists at concentrations above applicable workplace exposure levels can cause respiratory irritation or other pulmonary effects.

Carcinogenesis: This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA, or ACGIH, as of this date, greater or equal to 0.1%.

Teratogenicity and

Embryotoxicity: Not determined

Mutagenesis: Not determined

3. COMPOSITION / INFORMATION OF THE INGREDIENTS

Substance/mixture: This product is a mixture.

Name	CAS number	% Vol.
Bases	Proprietary	80-100
Zinc Alkyl dithiophosphate	68649-42-3	10-20

4. FIRST AID

Take proper precautions to ensure your own health and safety before attempting rescue or providing first aid. For more specific information, refer to Exposure Controls and Personal Protection in Section 8 of this SDS.

Ingestion: Wash out mouth with water. Do not induce vomiting unless directed to do so by medical. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if symptoms occur.

Skin Contact: After contact with skin, wash immediately with plenty of soap and water. Get



medical attention if symptoms occur.

Notes to physician: No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5. FIRE FIGHTING MEASURES

NFPA Flammability

Classification: NFPA Class-IIIB combustible material.

Autoignition

Temperature: Not determined.

Flash Point: > 406°F (208°C)

Hazardous Combustion

Products: No specific data

Extinguishing

Media: Use an extinguishing agent suitable for the surrounding fire. Use foam, dry chemical or water spray (fog) to extinguish fire.

Inappropriate Extinguishing

Media: Straight Streams of Water.

Fire Fighting

Instructions: Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

For large storage fires involving this material and/or other lubricating products, do not enter any enclosed or confined space without full protective equipment including self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products, and oxygen deficiencies.

6. MEASURES IN CASE OF AN ACCIDENTAL SPILL

Personal

Precautions: Put on appropriate personal protective equipment (see section 8). Ventilate are if confined or poorly ventilated.

Spill Management: Small Spill: Absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.



Large Spill: Prevent entry into sewers, water courses, basements or confined areas. May require pump or vacuum to get the most of the spill prior to absorbent. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.

Environmental

Precautions: Large Spills: Dike far ahead of liquid spill for later recovery and disposal. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). May require removal of severely contaminated soil.

Waste Disposal

Method: Place contaminated material in disposable containers. Material must be disposed of in accordance with Federal, State, and Local regulations. Contact the RCRA Superfund Hotline directly @ (800) 424-9346, a regional US EPA office, or an authorized waste management facility to provide guidance concerning case specific disposal issues.

7. HANDLING AND STORAGE

Handling: Put on appropriate personal protective equipment. Avoid contact with used product. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Avoid contact with eyes, skin and clothing. Empty containers retain product residue and can be hazardous. Do not reuse container.

Storage: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, odorous and toxic fumes may form from the decomposition of the product if stored at excessive temperatures for extended periods of time. Keep away from incompatible materials, food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Occupational Exposure Guidelines		
Applicable Workplace Exposure Levels		
Substance	ACGIH (United States).	OSHA (United States).
Oil Mist, Mineral	TWA: 5 mg/m ³ (inhalable fraction) STEL: 10 mg/m ³	TWA: 5 mg/m ³

Environmental



- Exposure control:** Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.
- Eye Protection:** Safety eyewear should be used when there is a likelihood of exposure. Not required under normal conditions of use. Recommended: Faceshield or goggles.
- Hand Protection:** Use gloves appropriate for work or task being performed. Not required under normal conditions of use. Recommended: Impervious protective gloves of Viton or nitrile rubber
- Respiratory Protection:** Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Not required under normal conditions of use. If exposure limits are exceeded use a NIOSH approved respirator. Self contained breathing apparatus is recommended for entry into confined spaces or other poorly ventilated areas and for large spill clean-up sites.
- Body Protection:** No special protective clothing is required under normal conditions of use. Where spills and splashes are possible, wear appropriate oil impervious protective clothing. Clean water should be available in work areas for flushing the eyes and skin.
- General Comments:** This is a general recommendation based upon general information as to normal uses and conditions. However when special or unusual uses or conditions exist, it is suggested that an expert assistance of an industrial hygienist be sought for special equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Color	Texture	Smell	pH	Boiling Point °C (°F)	Flash Point C.O.C. °C (°F)	Specific Gravity at	Viscosity 40°C, cSt	Density
Liquid	<2.0	n/a	Typical	n/a	n/a	Not determined	Not determined	114.8	0.8677

10. STABILITY AND REACTIVITY

- Chemical Stability:** Stable.
- Hazardous Decomposition Products:** Carbon oxides and various hydrocarbons formed when burned – traces of sulfur oxides.
- Conditions to Avoid:** Keep away from extreme heat, sparks or open flames.

**Materials**

Incompatibility: Strong oxidizing agents.

Hazardous

Polymerization: Not expected to occur.

11. TOXICITY INFORMATION

General: Low order of acute toxicity, but aspiration following ingestion and vomiting may cause severe and potentially fatal chemical pneumonitis. Does not absorb in acute toxic amounts through the skin. Exposure to high concentrations of oil mist may cause irritation to the respiratory organ. Exposure to the eye is slightly irritating, but does not injure eye tissue. Continuous or repeated skin contact combined with poor personal hygiene may cause dermatitis like eczema and oil acne. Used oil may contain harmful contaminants.

Skin Contact: Product that under high pressure has been forced under the skin may cause serious cell damage/death under the skin.

Carcinogenicity: This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA, or ACGIH, as of this date, greater or equal to 0.1%.

12. ECOLOGICAL INFORMATION

Environmental Fate

and Distribution: Consequences from exposure to aquatic life have not been determined yet. Releases to bodies of water should be refrained from and authorities should be notified in any event of release.

Ecotoxicity: Analysis for ecological effects has not been conducted on this product. However, if spilled, this product and any contaminated soil or water may be harmful to human, animal, and aquatic life. Also, the coating action associated with petroleum and petroleum products can be harmful or fatal to aquatic life and waterfowl. Not harmful to aquatic organisms. Expected LC/EC 50 value > 100 mg/l.

Mobility: Low solubility in water, floats on water.

Degradability: Potentially degradable, but will persist in the environment for long periods.

Other Effects: An oil film may cause physical damage to organisms and disturb the transportation of oxygen in the intermediate zone between air/water or water/air.

Environmental Fate:

An ecological effect testing has not been conducted on this product. However, plants and animals may experience harmful or fatal effects when coated with petroleum-based products. Petroleum-based (mineral) lube oils will normally float on water. In stagnant or slow-flowing waterways, an oil layer can cover a large surface area. As a result, this oil layer might limit or eliminate natural atmospheric oxygen transport into the water. With time, if not removed, oxygen depletion in the waterway might be enough to cause a fish kill or create an anaerobic environment.



13. DISPOSAL CONSIDERATIONS

Waste Disposal

Method: Place contaminated material in disposable containers. Material must be disposed of in accordance with Federal, State, and Local regulations. Contact the RCRA Superfund Hotline directly @ (800) 424-9346, a regional US EPA office, or an authorized waste management facility to provide guidance concerning case specific disposal issues.

14. TRANSPORT INFORMATION

The shipping description below may not represent requirements for all modes of transportation, shipping methods or locations outside of the United States.

US DOT	Not regulated by the U.S. Department of Transportation as a hazardous material.
Proper Shipping Name	Not regulated.
Hazard Class	Not regulated.
Packing Group(s)	Not applicable.
UN/NA Number	Not regulated.
Reportable Quantity	Not applicable.
Placard(s)	No placard necessary.
Emergency Response Guide No.	Not applicable.
MARPOL III Status	Not a DOT "Marine Pollutant" per 49 CFR 171.8.

15. REGULATORY INFORMATION

TSCA Inventory: This product is in U.S. commerce, and listed in the TSCA Inventory of Chemicals; hence, it may be subject to applicable TSCA provisions and restrictions.

SARA 302/304

Emergency

Planning and

Notification:

The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires facilities subject to Subparts 302 and 304 to submit emergency planning and notification information based on Threshold Planning Quantities (TPQs) and Reportable Quantities (RQs) for "Extremely Hazardous Substances" listed in 40 CFR 302.4 and 40 CFR 355. No components were identified.

SARA 313 Toxic

Chemical Notification

and Release

Reporting: This product does not contain greater than 1.0% of any chemical substance of



Section 313 of Title III of Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372.

CERCLA: The Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center concerning release of quantities of "hazardous substances" equal to or greater than the reportable quantities (RQ's) listed in 40 CFR 302.4. As defined by CERCLA, the term "hazardous substance" does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically designated in 40 CFR 302.4 as hazardous substance.

SARA 311/312 Hazard Identification: The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires facilities subject to this subpart to submit aggregate information on chemicals by "Hazard Category" as defined in 40 CFR 370.2. This material would be classified under the following hazard categories: **No components were identified.**

Clean Water

Act (CWA): This material is classified as an oil under Section 311 of the Clean Water Act (CWA) and the Oil Pollution Act of 1990 (OPA). Discharges or spills which produce a visible sheen on waters of the United States, their adjoining shorelines, or into conduits leading to surface waters must be reported to the EPA's National Response Center at (800) 424-8802.

Additional Regulatory

Remarks: No additional regulatory remarks.

16. OTHER INFORMATION

ABBREVIATIONS: USA: Administration (OSHA) Safety and Occupational Health (IARC) International Agency for Research on Cancer (NTP) National Toxicology Program (NFPA) National Association of Fire Protection (NIOSH) National Institute for Occupational Safety and Occupational health (ACGIH) American Conference of Governmental Industrial Hygienists.

Previous review: 11/27/12

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