PRECISION LUBRICATION

MATERIAL SAFETY DATA SHEET

Product Name	10W30 SG/CI4 HEAVY DUTY
Product Use	ENGINE OIL AUTOMOTIVE GEAR OIL
Product Code	
Symbols	Not Classified
Labeling for Transport	Not Classified

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	10W30 SG/CI4 Heavy Duty ULTRA GUARD
Supplier	NONA INDUSTRIAL CC
Updated	April 2023
Review	April 2025
CAS Number	N/A
Health Emergency Telephone Transport Emergency Telephone	(011) - Red Cross Poison (011) 331 2947 (Hazchem)
UN Number	N/A

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Composition comments
Highly refined mineral oils and additives. The highly refined mineral oil contains <3% (w/w)

SECTION 3. HAZARDOUS IDENTIFICATION

Appearance and Odour	May be dyed. Liquid at room temperature. Slight hydrocarbon
Health Hazards	Not classified as dangerous for supply or conveyance.
Safety Hazards	Not classified as flammable but will burn.
Environmental Hazards	Not classified as dangerous for the environment.
Health Hazards	Not expected to be a health hazard when used under normal conditions.
Health Hazards Inhalation	Under normal conditions of use, this is not expected to be a primary route of exposure.
Skin Contact	Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin resulting in disorders such as oil acne/folliculitis.
Eye Contact	May cause slight irritation to eyes.
Ingestion	Low toxicity if swallowed.
Other Information	Used oil may contain harmful impurities
Signs and Symptoms	Oil acne/folliculitis signs and symptoms may include formation of black pustules and spots on the skin of exposed areas. Ingestion may result in nausea, vomiting and/or diarrhoea.
Aggravated Medical Condition	Pre-existing medical conditions of the following organ(s) or organ system(s) may be aggravated by exposure to this material: Skin.
Additional Information	Under normal conditions of use or in a foreseeable emergency, this product does not meet the definition of a hazardous chemical when evaluated according to the GHS6.

SECTION 4. FIRST AID MEASURES

General Information	Not expected to be a health hazard when used under normal conditions.
Inhalation	No treatment necessary under normal conditions of use. If symptoms persist, obtain medical advice.
Skin	Remove contaminated clothing. Flush exposed area with water and follow by washing with soap if available. If persistent irritation occurs, obtain medical attention.
Eyes	Flush eye with copious quantities of water. If persistent irritation occurs, obtain medical attention.
Ingestion	In general no treatment is necessary unless large quantities are swallowed, however, get medical advice.
Advice to Physician	Treat symptomatically.

SECTION 5. FIRE FIGHTING MEASURES

Clear fire area of all non-emergency personnel.

Flash point : Typical 350 C / 662 °F (COC)

Upper / lower Flammability or Explosion limits : Typical 1 - 10 %(V)(based on mineral oil)
Auto ignition temperature: > 320 °C 608 °F

Specific Hazards :
Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Unidentified organic and inorganic compounds.
Suitable Extinguishing Media : Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Unsuitable Extinguishing Media : Do not use water in a jet.

Protective Equipment for Firefighters : Proper protective equipment including breathing apparatus must be worn when approaching a fire in a confined space.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Avoid contact with spilled or released material. For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. See Chapter 13 for information on disposal. Observe all relevant local and international regulations.

Protective measures	Report spill as required to appropriate authorities.
Clean Up Methods	Slippery when spilt. Avoid accidents, clean up immediately

SECTION 7. HANDLING AND STORAGE

Handling	Avoid prolonged or repeated contact with skin. Avoid inhaling vapour and/or mists. When handling product in drums, safety footwear should be worn and proper handling equipment should be used.
General Precautions	Use local exhaust ventilation if there is risk of inhalation of vapours, mists or aerosols. Properly dispose of any contaminated rags or cleaning materials in order to prevent fires. Use the information in this data sheet as input to a risk assessment of local circumstances that may call for specific material controls for safe handling, storage and disposal of this material.
Storage	Keep container tightly closed and in a cool, well-ventilated place. Use properly labelled and closeable containers. Storage Temperature: 0 - 50 °C / 32 - 122 °F
Recommended Materials	For containers or container linings, use mild steel or high density polyethylene. Unsuitable Materials : PVC.
Additional Information	Polyethylene containers should not be exposed to high temperatures because of possible risk of distortion.

SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Occupational Exposure Limits Material Source Type ppm mg/m3 Notation Oil mist, mineral ACGIH TWA(Mist.) 5 mg/m3 Oil mist, mineral ACGIH STEL(Mist.) 10 mg/m3
Exposure Controls : The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Select controls based on a risk assessment of local circumstances. Appropriate measures include: Adequate ventilation to control airborne concentrations. Where material is heated, sprayed or mist formed, there is greater potential for airborne concentrations to be generated.

Personal Protective Equipment	Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers.
Respiratory Protection	
Eye Protection	Normal industrial eye protection when handling liquids should be worn.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Colour	Amber
Odour	Mild
Boiling Point (Celsius)	> 280°C (Est Values)
Flash Point	350°C
Density at 20°C	7.51g/cm3
Solubility in water	Negligible

N/A = Not Applicable, N/E = Not Established, D = Decomposes
For further technical information, contact your marketing representative

SECTION 10. STABILITY AND REACTIVITY

Stability	No specific test data related to reactivity available for this product or ingredients.
Conditions to Avoid	The product is stable
Hazardous Decomposition Products	Under normal conditions of storage and use, hazardous reactions will not occur

SECTION 11. TOXICOLOGICAL INFORMATION

Basis for Assessment	Information given is based on data on the components and the toxicology of similar products.
Acute Oral Toxicity	Expected to be of low toxicity: LD50 > 5000 mg/kg , Rat
Acute Dermal Toxicity	Expected to be of low toxicity: LD50 > 5000 mg/kg , Rabbit
Acute Inhalation Toxicity	Not considered to be an inhalation hazard under normal conditions of use.
Skin Irritation	Expected to be slightly irritating. Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin resulting in disorders such as oil acne/folliculitis.
Eye Irritation	Expected to be slightly irritating.
Respiratory Irritation	Inhalation of vapours or mists may cause irritation.
Sensitisation	Not expected to be a skin sensitiser.
Repeated Dose Toxicity	Not expected to be a hazard.
Mutagenicity	Practically non-toxic (LD50: greater than 2000mg/kg). Based on testing of similar products and/or the components.
Carcinogenicity	Product contains mineral oils of types shown to be noncarcinogenic in animal studies. Severely refined mineral oils are not classified as carcinogenic by the International Agency for Research on Cancer (IARC). Other components are not known to be associated with carcinogenic effects.
Reproductive and Developmental Toxicity	Not expected to be a hazard.
Additional Information	Used oils may contain harmful impurities that have accumulated during use. The concentration of such impurities will depend on use and they may present risks to health and the environment on disposal. ALL used oil should be handled with caution and skin contact avoided as far as possible.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the ecotoxicology of similar products.

Acute Toxicity	Poorly soluble mixture. May cause physical fouling of aquatic organisms.
Expected to be practically non toxic	LL/EL/LS0 > 100 mg/l (to aquatic organisms) (LL/EL/LS0 expressed as the nominal amount of product required to prepare aqueous test extract). Practically non-toxic to aquatic organisms, on long-term exposure any chronic effects to aquatic organisms at concentrations less than 1 mg/l.
Mobility	Liquid under most environmental conditions. Floats on water. If it enters soil, it will adsorb to soil particles and will not be mobile.
Persistence/degradability	Expected to be not readily biodegradable. Major constituents are expected to be inherently biodegradable, but the product contains components that may persist in the environment.
Bioaccumulation	Contains components with the potential to bioaccumulate.
Other Adverse Effects	Product is a mixture of non-volatile components, which are not expected to be released to air in any significant amounts. Not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential.

SECTION 13. DISPOSAL INFORMATION

Material Disposal : Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations. Do not dispose into the environment, in drains or in water courses.
Container Disposal : Dispose in accordance with prevailing regulations, preferably to a recognised collector or contractor. The competence of the collector or contractor should be established beforehand. Local Legislation : Disposal should be in accordance with applicable regional, national, and local laws and regulations.

SECTION 14. TRANSPORT INFORMATION

US Department of Transportation Classification (49CFR) This material is not subject to DOT regulations under 49 CFR Parts 171-180. IMDG This material is not classified as dangerous under IMDG regulations. IATA (Country variations may apply) This material is not classified as dangerous under IATA regulations.

SECTION 15. REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material. Notification Status EINECS All components listed. TSCA All components listed. DSL All components listed. SARA Hazard Categories (311/312) Not SARA 311/312 Hazards. State Regulatory Status California Safe Drinking Water and Toxic Enforcement Act (Proposition 65) This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

SECTION 16. OTHER INFORMATION

NFPA Rating (Health, Fire, Reactivity) : 0, 1, 0 MSDS Version Number : 3.0 MSDS Effective Date : 07/08/2008 MSDS Revisions : A vertical bar (|) in the left margin indicates an amendment from the previous version. MSDS Regulation : This material safety data sheet is in accordance with the Hazardous Chemicals Regulations (29 CFR 1910.1200). MSDS Distribution : The information in this document should be made available to all who may handle the product. Disclaimer : The information contained herein is based on our current knowledge of the underlying data and is intended to describe the product for the purpose of health, safety and environmental requirements only. No warranty or guarantee is expressed or implied regarding the accuracy of these data or the results to be obtained from the use of the product.

SECTION 17. DISCLAIMER

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; the user therefore assumes all risks of use of the product and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product.

Nothing is intended as a recommendation for uses, which infringe valid patents, or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and use.

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