GP DEOGEN FULLY SYNTHETIC
15W40 API CK-4

Lubricants

GROWTH & PROSPERITY

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Safety Data Sheet (SDS)

GP DEOGEN FULLY SYNTHETIC 15W40 API CK-4

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SECTION #1: PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: GP DEOGEN FULLY SYNTHETIC 15W40 API CK-4

MANUFACTURER/SUPPLIER'S NAME:

GENERAL PETROLEUM FZE
PLOT.3E-02, 2J-01, 02
HAMRIYA FZE, PHASE-1
SHARJAH, UAE
P.O. BOX 53046,
SHARJAH, UAE
TEL: 00971 6 5754717
FAX: 00971 6 5754718

24 HOURS EMERGENCY: Call GP LUBE (800-475823)

PRODUCT USE: **DIESEL ENGINE OIL**

MADE FROM: **THIS ENGINE OIL IS COMPOSED OF A BASE STOCK BLENDED WITH VARIOUS TYPES OF ADDITIVE LIKE ANTIOXIDENT, CORROSION INHIBITOR, DETERGENT/DISPERSANT, ANTIWEAR AND ALKALINITY IMPROVER**

SECTION #2: COMPOSITION/INFORMATION ON INGREDIENTS

PREPARATION

Ingredient name	CAS #	Percentage
Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified	64742-54-7	70 – 90
Distillates (petroleum), solvent-refined heavy paraffinic	64741-88-4	2.5 - 5
Phenol, dodecyl-, sulfurized, carbonates, calcium salts, over based	68784-26-9	1 – 2.5
Solvent, dewaxed heavy paraffinic petroleum	64742-65-0	1 – 2.5

CHEMICAL NATURE:	Petroleum-derived severely refined mineral- base product.
SUBTANCES CONTRIBUTING TO HAZARDS:	No component is present at sufficient concentration to require a hazard classification for health in accordance with EC Directives.
IMPURITIES CONTRIBUTING TO HAZARDS:	None to our knowledge.

SECTION #3: HAZARD IDENTIFICATION

OSHA/HCS status:	This material is not classified as hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) provides important information essential for the safe handling and proper use of the product. It is recommended to keep this SDS accessible to employees and other users of the product.
Classification of the substance or mixture:	Not classified
Hazards not otherwise classified:	None known.
ADVERSE HUMAN HEALTH EFFECTS:	Under normal conditions of use, the product holds no danger of intoxication.
ENVIRONMENTAL EFFECTS:	Don't reject this product into the environment.
PHYSICAL AND CHEMICAL HAZARDS:	No specific risk of fire or explosion under normal conditions of use.
Note:	This material should not be used for any other purpose than the intended use in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human health risks which may vary from person to person.

SECTION #4: FIRST AID MEASURES

IN CASE OF SERIOUS MANIFESTATIONS, CALL IN A DOCTOR OR EMERGENCY MEDICAL CARE

ROUTE OF EXPOSURE:

INHALATION:	Inhalation of heavy concentrations of vapour, fumes or spray, may cause mild irritation of the throat. Transport the person into fresh air, keep warm and allow to rest.
CONTACT WITH THE SKIN:	Immediately remove all soiled or stained clothing. Wash the affected area immediately and repeatedly with soap and water.
CONTACT WITH THE EYES:	Keep eyes open and rinse immediately and repeatedly with water for at least 15 minutes Possible risk of vomiting and diarrhea
INGESTION:	Do not induce vomiting to avoid the risk of aspiration into the respiratory tract Give nothing to drink.
ASPIRATION:	If the product is believed to have entered the lungs (in case of vomiting, for example), take the person to hospital for immediate care

SECTION #5: FIRE FIGHTING MEASURES

FLASH POINT (COC):	210°C Min
AUTOIGNITION TEMPERATURE (°C):	N/A
EXTINGUISHING MEDIA:	Foam, Dry chemical and CO_2.
HAZARDOUS COMBUSTION PRODUCTS:	Normal combustion products, CO and CO_2.
SPECIAL FIRE FIGHTING PROCEDURES:	Do not enter confined fire space without adequate protective clothing and an approved positive self-contained breathing apparatus. Use water to cool fire exposed containers.

SECTION #6: ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK PROCEDURES:	Eliminate all ignition sources. Stop leak only if safe to do so. Absorb residue or small spills with absorbent material and remove to non- leaking containers for disposal.
PERSONAL PRECAUTIONS,	Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel

	to safe areas. Material can create slippery conditions. Mark the contaminated area with signs and prevent access to unauthorized personnel.
ENVIRONMENTAL PRECAUTIONS:	Do not allow uncontrolled discharge of product into the environment.

SECTION #7: HANDLING AND STORAGE

STORAGE AND HANDLING:	Store in cool, dry, ventilated area, away from heat and ignition sources. Use good personal hygiene. Always keep the container close.
PREVENTION OF FIRE & EXPLOSION:	Empty containers may contain flammable or Explosive vapours Product- impregnated cloths and paper or material used to mop up spills can constitute a fire hazard. Do not allow these to accumulate in a pile. Discard these with all safety precautions immediately after use.
PRECAUTIONS:	Avoid static electricity build up with connection to earth. By arranging and setting up machinery and equipment so as to avoid accidental spills and splashes onto hot machine parts and electrical contacts.
TO BE AVOIDED:	Do not store exposed to the elements.
INCOMPATIBLE PRODUCTS:	Dangerous reaction with strong oxidizing Agents.
PACKAGING MATERIALS:	
RECOMMENDED:	Use only hydrocarbon-resistant containers, Joints, pipes, etc. Keep in original container if possible; otherwise, transfer all indications on the regulatory label to the new container.

SECTION #8: EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION:	Mechanical ventilation is recommended.
RESPIRATORY PROTECTION:	If mist present, chemical cartridge respirator is recommended.

GLOVES:	Resistant gloves (Viton, nitrile, Neoprene) are recommended when handling this material.
EYE PROTECTION:	Chemical safety goggles are recommended.
OTHER PROTECTION:	In confined spaces or where the risk of skin exposure is higher, resistant clothing or apron should be worn.

Ingredient name	Exposure limits
Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified	NIOSH REL (United States, 10/2020) [OIL MIST MINERAL] TWA 10 hours: 5 mg/m³. Form: Mist. STEL 15 minutes: 10 mg/m³. Form: Mist. OSHA PEL (United States, 5/2018) [Oil mist, mineral] TWA 8 hours: 5 mg/m³. ACGIH TLV (United States, 1/2024) [Mineral Oil, pure, highly and severely refined] TWA 8 hours: 5 mg/m³. Form: Inhalable fraction.
solvent dewaxed heavy paraffinic distillate	NIOSH REL (United States, 10/2020) [OIL MIST MINERAL] TWA 10 hours: 5 mg/m³. Form: Mist. STEL 15 minutes: 10 mg/m³. Form: Mist. OSHA PEL (United States, 5/2018) [Oil mist, mineral] TWA 8 hours: 5 mg/m³. ACGIH TLV (United States, 1/2024) [Mineral Oil, pure, highly and severely refined] TWA 8 hours: 5 mg/m³. Form: Inhalable fraction.

SECTION #9: PHYSICAL & CHEMICAL DATA

APPEARANCE:

PHYSICAL STATE:	Viscous Liquid
COLOR:	Yellow to brown
ODOR:	Characteristic Odor of Oil
pH:	Not Applicable
FLASH POINT:	210°C Min

AUTO IGNITION TEMPERATURE:	> 250°C (ASTM E 659). This temperature may be significantly lower under particular conditions (oxidation on high surface areas)
EXPLOSION LIMITS:	Not Applicable
DENSITY @ 15°C:	0.848
SOLUBILITY:	Insoluble & immiscible in water
VISCOSITY @ 100°C:	12.5 to 16.3 CST
POUR POINT:	-42°C [ASTM D97]
MELTING POINT/FREEZING POINT:	NOT AVAILABLE

BOILING POINT OR INITIAL BOILING POINT AND BOILING: >315.56°C (>600°F)

SECTION #10: STABILITY AND REACTIVITY

STABILITY:	The product is stable under normal temperatures of storage, handling and use.
DANGEROUS REACTIONS:	Not dangerous reaction known under normal conditions of use, to refer to the technical notice.
CONDITIONS TO AVOID:	Heat (temperatures above flash point), sparks, ignition points, flames, static electricity.
MATERIALS TO AVOID:	Avoid contact with strong oxidizing.
DANGEROUS DECOMPOSITON PRODUCTS:	Incomplete combustion and thermolysis produce more or less toxic gases such as CO, CO2, various hydrocarbons, aldehydes and soot.

SECTION #11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY/LOCAL EFFECTS

INHALATION:	Risk is improbable under normal conditions

of use. Inhalation of important concentration of vapor or aerosols may cause irritation of the upper respiratory tract.

CONTACT WITH SKIN: Risk is improbable under normal conditions of use.

Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified:
Acute oral toxicity: LD50 (Rat): > 5,000 mg/kg,
Acute dermal toxicity: LD50 (Rabbit): > 2,000 mg/kg,

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil unspecified:
Acute oral toxicity: LD50 (Rat): > 5,000 mg/kg,

Acute inhalation toxicity: LC50 (Rat): > 5.2 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Acute dermal toxicity: LD50 (Rabbit): > 2,000 mg/kg,

INGESTION: In case of ingestion of small quantities, no important effect observed. In case of ingestion of larger amounts: abdominal pain, diarrhea,...

SENSITIZATION: To our knowledge, the product don't induce sensitization.

CHRONIC TOXICITY OR LONG-TERM TOXICITY

CONTACT WITH THE SKIN: Characteristic skin affections (oil blisters) may develop following prolonged and repeated exposure through contact with stained clothing.

CARCINOGENECITY: This product is not regarded as carcinogenic. During use in engines, contamination of oil with low levels of combustion products occur. Used motor oils have been shown to cause skin cancer in mice following repeated application and continuous exposure. Brief or intermittent skin contact with used motor oil is not expected to have serious effects in humans if the oil is thoroughly removed by washing with soap and water.

SECTION #12: ECOLOGICAL INFORMATION

MOBILITY

AIR:	there is a slow loss by evaporation.
GROUND:	Given its physical and chemical characteristics, the product generally shows little mobility in the ground.
WATER:	The product is insoluble; it spreads on the surface of the water.
PERSISTENCE AND DEGRADABILITY:	Experimental data on the finished product are not Available. However, the "mineral oil" portion of the virgin product is intrinsically biodegradable. Particular ingredients may not be biodegradable.
ECOTOXICITY:	The virgin product is considered to present no danger for land-growing organisms and little danger for aquatic life. No data are currently available for the used product.

SECTION #13: DISPOSABLE CONSIDERATIONS

WASTE DISPOSAL:	Dispose in a safe manner in accordance with local/national regulations. If need be, collection by an authorized waste contractor and regeneration or incineration in an approved installation.
WASTE CLASS:	13-02-02 (non-chlorinated engine, gear, lubricating oils)The waste classification is dependent on the composition of the product at the time of disposal. The waster producer is responsible for correct specification of the waste and also should be in arrangement with the authorized waste disposal company.
DISPOSAL OF CONTAMINATED PACKAGING:	Proceed in compliance with prevailing regulations.

SECTION #14: TRANSPORT INFORMATION

Land (as per ADR classification): Not regulated
This material is not classified as dangerous under ADR regulations.
IMDG.

This material is not classified as dangerous under IMDG regulations.

This material is not classified as dangerous under TDG regulations.

IATA (Country variations may apply):
This material is either not classified as dangerous under IATA regulations or needs to follow country specific requirements.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG / IMO)	AIR TRANSPORT (IATA / ICAO)
UN number	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	Not regulated.	Not regulated.	Not regulated.
Transport hazard class(es)	Not regulated.	Not regulated.	Not regulated.
Packing group	Not applicable	Not applicable	Not applicable
Environmental hazards	No.	No.	No.
Special precautions for user	-	-	-

SECTION #15: REGULATORY INFORMATION

U.S REGULATIONS:

TSCA 8(a) PAIR:	siloxanes and silicones, di-me; naphthalene; diphenylamine
TSCA 8(a) CDR Exempt/Partial exemption:	At least one component is not listed.
Clean Water Act (CWA) 307:	2-pentanol, 4-methyl-, hydrogen phosphorodithioate, zinc salt; phosphorodithioic acid, mixed 0,0 bis (1,3-dimethylbutyl and iso-pr)esters, zinc salts; naphthalene; benzene
Clean Water Act (CWA) 311:	fumaric acid; ethylenediamine; naphthalene; vinyl acetate; benzene

CANADA REGULATIONS:

DSL: On the inventory, or in compliance with the inventory

TSCA: All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

IECSC: On the inventory, or in compliance with the inventor.

SECTION #16: ADDITIONAL INFORMATION

We believe that technical information and recommendations contained herein to be reliable and accurate. However, we provide these data without warranty or guarantee of any kind, expressed or implied. We assume no responsibility for any loss, damage, or expense, direct or consequential, arising from the use of products described herein.