

SAFETY DATA SHEET

GEAR OIL EP 140 GL4

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Product identifier
Product name ACCERON GEAR OIL EP 140 GL4
Product code ACN - 3300
Product type Liquid.

Relevant identified uses of the substance or mixture and uses advised against
**Use of the substance/
mixture** Gear lubricant
For specific application, advice see appropriate Technical Data Sheet or consult our company representative.

**Details of the supplier of the
safety data sheet Supplier**

ACCERON INDUSTRIES INDIA PVT LTD
63/A, INDUSTRIAL AREA, ROAD NO – 8,
GOVINDPURA, BHOPAL, M.P., INDIA

**EMERGENCY
TELEPHONE NUMBER** (+91) 8305096448

SECTION 2: HAZARDS IDENTIFICATION

Highly refined base oil (IP 346 DMSO extract < 3%). Proprietary performance additives.
This product does not contain any hazardous ingredients at or above regulated thresholds.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

This preparation is not classified as dangerous.

Physical/ Chemical hazards Not classified as hazardous.
Health hazards Not classified as hazardous.
Additional hazards Not available.

Effects and Symptoms
Eyes No significant health hazards identified.
Skin Prolonged or repeated contact can defat the skin and lead to irritation and /or dermatitis.
Inhalation No significant health hazards identified.
Ingestion No significant health hazards identified.

SECTION 4: FIRST AID MEASURES

Eye contact In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact Immediate wash exposed skin with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if irritation develops.

Inhalation If inhaled, remove to fresh air. Get medical attention if symptoms occur.

Ingestion Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If potentially dangerous quantity of this material have been swallowed call a physician immediately.

Notes to Physician Treatment should in general be symptomatic and directed to relieving any effects.

SECTION 5: FIREFIGHTING MEASURES

Extinguishing media

Suitable

In case of fire, use foam, dry chemical or carbon dioxide extinguisher or spray.

Unsuitable

Do not use water jet.

Hazardous combustion

Products

Combustion products may include the following
Carbon oxides.

Unusual fire/explosion

Hazards

This material is not explosive as defined by established regulatory criteria.

Special precautions for

Fire-fighters

None identified.

Protection of Fire-fighters

Fire – fighters should wear positive pressure self – contained breathing apparatus (SCBA) and full turnout gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

Environmental precautions

Avoid dispersal of spilt 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).

Large Spill

Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. 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.

Small spill

Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

SECTION 7: HANDLING AND STORAGE

Handling

Avoid prolonged or repeat contact with skin. Wash thoroughly after handling.

Storage

Keep container tightly closed. Keep container in a cool, well – ventilated area.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredient name

Base Oil – Unspecified

Occupational exposure limits

STEL: 10mg/m3 15 minute(s). Form : Mineral Oil, mist

TWA : 8mg/m3 8 hour(s). Form : Mineral Oil, mist

Whilst specific OELs for certain components may be shown in this section, other components may be present in any mist, vapour or dust produced. Therefore, the specific OELs may not be applicable to the product as a whole and are provided for guidance only.

Exposure controls

Occupational exposure controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational exposure limits.

Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory at the end of the working period.

Personal protective equipment

Respiratory System

None required. However, use of adequate ventilation is good industrial practice.

Skin and body

Avoid prolonged or repeated contact with skin. Wear protective clothing if prolonged or repeated contact is likely.

Hands

Wear protective gloves if prolonged or repeated contact is likely. Chemical – resistant gloves. Recommended: Nitrile gloves. The correct choice of protective gloves depends upon the chemicals being handled, the condition of work and use, and the condition of the gloves (even the best chemically resistant glove will break down after repeated chemical exposures). Most gloves provide only short time of protection before they must be discarded and replaced. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. Gloves should therefore be chosen in consultation with the supplier / manufacturer and with a full assessment of the working conditions.

Eyes

Safety glasses with side shields.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid.
Colour	Amber.
Flash Point	Closed cup: 190°C (374 °F)
Viscosity	Kinematic : 429 mm2/s (429 cSt) at 40°C Kinematic : 29 mm2/s (29 cSt) at 100°C
Pour Point	-6 °C
Density	906.9 kg/m3 (0.907 g/cm3) at 15°C
Solubility	Insoluble in water.

SECTION 10: STABILITY AND REACTIVITY

Stability	The product is stable.
Conditions to avoid	No specific data.
Material to avoid	Reactive or incompatible with the following materials: oxidising materials.
Hazardous decomposition products	Decomposition products may include the following materials: Carbon dioxide Carbon Monoxide

SECTION 11: TOXICOLOGICAL INFORMATION

Inhalation	Vapour inhalation under ambient conditions is not normally a problem due to low vapour pressure.
Ingestion	No known significant effects or critical hazards.
Skin contact	Defatting to the skin. May cause skin dryness and irritation.
Eye contact	No known significant effects or critical hazards.
Symptoms related to the physical, chemical and toxicological characteristics	
Inhalation	May be harmful by inhalation if exposure to vapour, mists or fumes resulting from thermal decomposition products occurs.
Ingestion	No specific data.
Skin contact	Adverse symptoms may include the following: Irritation Dryness Cracking
Eye contact	No specific data.
Delayed and immediate effects as well as chronic effects from short and long-term exposure	
Inhalation	Overexposure to the inhalation of airborne droplets or aerosols may cause irritation of the respiratory tract.
Ingestion	Ingestion of large quantities may cause nausea and diarrhea.
Skin contact	Prolonged or repeated contact can defat the skin and lead to irritation and/or dermatitis.
Eye contact	Potential risk of transient stinging or redness if accidental eye contact occurs.
Potential chronic health effects	
General	No known significant effects or critical hazards.
Carcinogenicity	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.

SECTION 12: ECOLOGICAL INFORMATION

Persistence and degradability	The biodegradability of this material has not been determined.
Environmental Hazards	No ecotoxicity or ecological information to report.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal consideration/ Waste information	The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some products residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non – recyclable products via a licensed waste disposal contractor. Disposal of this products, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of split material and runoff and
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contact with soil, waterways, drains and sewers.

SECTION 14: TRANSPORT INFORMATION

International transport regulations

Non classified as dangerous for transport (IMDG, ICAO/IATA)

SECTION 15: REGULATORY INFORMATION

European Union - Label Requirements

Risk Phrases
Other regulations

This product is not classified as hazardous under applicable regulations.

Europe Inventory
United States inventory (TSCA 8b)
Australia inventory (AIC)
Canada inventory
China inventory (IECSC)
Japan inventory (CSCL)
Korea inventory (KECI)
Philippines inventory (PICCS)
Additional warning Phrases
Vietnam Toxic classification (TCVN 3164-79)

All components are active or exempted.
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Contains long chain alkyl amine. May produce an allergic reaction.
Not classified as hazardous

SECTION 16: OTHER INFORMATION

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation [Regulation (EC) No. 1907/2006]
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SADT = Self-Accelerating Decomposition Temperature
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVCB = Complex hydrocarbon substance
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bio accumulative