

GEAR OILS

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifier and uses of the substance or mixture

Product Name	Indy Gear 68, 100, 150, 220, 320, 320F, 460 & 680
Description	Extreme Pressure Industrial Gear Oils
Relevant uses	Industrial gear applications

1.2 Details of the supplier of the safety data sheet

Manufacturer	GUD Holdings (Pty) Ltd via Indy Oil SA 3 The Avenue East Isipingo KwaZulu-Natal South Africa 4110

1.3 Emergency telephone number

Emergency Contact Number(s)	+ 27 31 910 3111 + 27 60 572 8088

2. HAZARDS INDENTIFICATION

2.1 Classification of substance or mixture

Product definition Mixture.

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Skin Irrit. 2, H315

Eye Irrit. 2, H319

Aquatic Chronic 2, H411

When used as intended, this product is not expected to pose a health risk.
Used oil may be hazardous to health and the environment—always dispose of it responsibly and in accordance with applicable legislation.

See Section 11 for more detailed information on health effects and symptoms.

See Section 12 for environmental precautions.

See Section 16 for the full text of the H statements declared above.

2.2 Label elements

Hazard pictograms



Signal Word — Warning.

Hazard statements

Causes skin irritation.

Causes serious eye irritation.

Toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention

Avoid breathing vapor.

Wear protective gloves.

Wear eye or face protection.

Avoid release to the environment.

Response

Collect spillage.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

IF ON SKIN: Wash with plenty of soap and water.

Storage — Store in a well-ventilated place.

Disposal Dispose of contents and container in accordance with all local, regional, national and international regulations.

Supplemental label

Elements Contains Amines, C10-14-tert-alkyl. May produce an allergic reaction.

Warning! Headspace of storage vessel may contain hydrogen sulfide.

2.3 Other hazards

Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII.

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

---

3. COMPOSITION/INFORMATION ON INGREDIENTS:

Component	EC Number	CAS Number	REACH	% content	Classification
Distillate (Petroleum), Solvent dewaxed, paraffinic	265-157-1	64742-54-7	01-2119484627-25	65 - 75	H319 / H318
Polysulfides, di-tert-Bu	-	-	Polymer	25 - 35	H400, H410
Phosphoric acid, mono- and bis(branched and linear pentyl) esters	282-784-6	-	01-2119979550-30	5 - 10	H314, H318, H412
Amines, C10-14-tert-alkyl	701-175-2	-	01-2119456798-18	5 - 10	H302, H311, H330, H314, H317, H318, H400, H410
1,3,4-Thiadiazolidine-2,5-dithione, reaction	293-927-7	-	01-2119976351-35	3 - 5	H412

products with hydrogen peroxide and tertnonanethiol					
Distillates (petroleum), solvent-dewaxed heavy paraffinic	265-169-7	64742-65-0	01-2119471299-27	1 - 3	H304
Distillates (petroleum), solvent-refined heavy paraffinic	265-090-8	64741-88-4	01-2119488706-23	1 - 3	Not classified
methyl-1H-benzotriazole	249-596-6	29385-43-1	01-2119979081-35	1 – 0.3	H302, H361d, H411

4. FIRST AID MEASURES

4.1. Description of first aid measures

General Information

If the product splashes into the eye it may cause irritation and conjunctivitis. Ingestion may lead to irritation of the mouth, throat and digestive tract. Aspiration into the respiratory system may occur directly or following ingestion. Prolonged exposure to vapour may cause headache, dizziness, nausea and irritation to the eyes, upper respiratory tract, mouth and digestive tract. Obtain medical attention if discomfort continues. Remove affected person from source of contamination.

Inhalation

Remove to fresh air, and keep affected person at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Obtain medical attention if irritation to respiratory tract is severe and adversely affects breathing.

Ingestion

Rinse out mouth thoroughly. Remove dentures if any. Do not induce vomiting. Obtain medical attention immediately.

Skin Contact Remove contaminated clothing, and wash skin with soap and water. Clothing must be laundered before reuse. If irritation persists, obtain medical attention.

Eye Contact Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Potential acute health effects

Inhalation No known significant effects or critical hazards.

Ingestion No known significant effects or critical hazards.

Skin Contact Causes skin irritation.

Eye Contact Causes eye irritation.

---

5. FIRE FIGHTING MEASURES

Hazardous combustion products may include carbon monoxide (CO) and carbon dioxide (CO_2), as well as combustion products of sulphur and nitrogen.

Extinguishing Media Foam or dry chemical powder. Carbon dioxide, sand or earth can be used for small fires. Keep containers exposed to the fire cool by spraying with water. The danger zone should be cleared immediately.

Protective Equipment Proper protective equipment including breathing apparatus must be worn when approaching a fire.

---

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions

Avoid inhalation of vapour and aerosol spray. Avoid contact with eyes, and prolonged skin contact. Ensure adequate ventilation is provided. In the event of a spill, beware of slippery surfaces.

6.2. Environmental precautions

Do not allow environmental contamination to occur. Avoid disposal (accidental or incidental) of product into drains, sewers, rivers and other water sources, and onto the ground. Use appropriate spill containment measures to avoid environmental contamination. Inform local authorities if this cannot be prevented. Use sand, earth or other appropriate absorbent material to contain spills. The product should not be dumped, but collected and delivered according to agreement with local authorities.

6.3. Spill clean-up / containment

Stop product leak if possible to do so without risk. Extinguish all ignition sources, and ensure adequate ventilation. The product in its liquid form can be contained by creating a barrier using sand, earth or other appropriate containment material. Collect with absorbent, non-combustible material into suitable containers. Do not allow run-off into sewers and drains. Dispose of material according to agreement with local authorities. Inform authorities immediately if the liquid enters surface water sources.

6.4. Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Ensure good personal hygiene when handling product. Wash hands, clothing and other contaminated areas with water and soap before leaving the work site to minimize spread of contamination. Do not eat, drink or smoke when using the product. Avoid forming sprays/aerosol mists. Ensure adequate ventilation is provided when product is being used. Ensure personal protective equipment is used where necessary.

7.2. Conditions for safe handling

Store the product in its original container, and ensure that the container is tightly closed and kept upright. Store in a cool, dry, and well-ventilated area. Ensure that the relevant spill containment apparatus is

available. Exposure to excessive temperatures should be avoided. Water contamination should be avoided. The product is suitable for short-term storage in mild steel and high-density polyethylene (HDPE) containers.

---

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit
Distillates (petroleum), hydrotreated heavy paraffinic	TWA: 5 mg/m³ 8 hours.
Distillates (petroleum), solvent-dewaxed heavy paraffinic	TWA: 5 mg/m³ 8 hours. STEL: 10 mg/m³ 15 minutes.
Distillates (petroleum), solvent-refined heavy paraffinic	TWA: 5 mg/m³ 8 hours. STEL: 10 mg/m³ 15 minutes.

Recommended monitoring procedures

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

8.2. Exposure controls

Protective equipment

The following personal protective equipment is applicable:



ENGINEERING MEASURES

Provide adequate ventilation. Observe occupational exposure limits and minimize risk of inhalation of vapour.

RESPIRATORY EQUIPMENT

The use of respiratory equipment under normal operating conditions is not required. Should operating conditions create airborne concentrations that are excessive, the use of an approved respirators such as toxic dust, mist and fume respirators are recommended

HAND PROTECTION

The use of chemical-resistant, nitrile or butyl rubber gloves is recommended.

EYE PROTECTION

The use of tightly-fitted safety goggles / glasses is recommended when splashing is probable.

OTHER PROTECTION

Wear appropriate clothing to prevent repeated or prolonged skin contact.

HYGIENE MEASURES

Wash contaminated clothing promptly and before reuse. Wash skin with soap and water upon contamination.

OCCUPATIONAL EXPOSURE

The ACGIH TLV for mineral oil mists is 5 $mg.m^{-3}$ for a time period of 8-hour exposure. A short-term exposure limit of 10 $mg.m^{-3}$ (STEL) is recommended.

---

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical appearance	Liquid at ambient temperature.
Colour	Amber.
Odour	Hydrocarbon.
Solubility	Insoluble in water.
Vapour density (air = 1)	Heavier than air.
Viscosity at 40ºC (kinematic)	68 - 680 cSt (dependent on grade).
Density at 20ºC	870 - 910 $kg.m^{-3}$ (dependent on grade).
Flash Point	180-220 °C.

---

10. STABILITY AND REACTIVITY

Chemical stability	Stable.
Reactivity	Not reactive.
Materials to avoid	Strong oxidising agents.
Conditions to avoid	Extremes of temperatures.
Hazardous Decomposition Products	None under normal conditions known.

11. TOXICOLOGICAL INFORMATION

10.1. Information on toxicological effects

The material is not considered an eye irritant. The product has not been tested. The statement is based on evaluation of data for similar materials or product.

Routes of entry

Inhalation. Ingestion. Skin or eye contact.

Toxicological data

Acute toxicity - Oral	LD50 expected to be > 2000 mg/kg
Acute toxicity - Dermal	LD50 expected to be > 2000 mg/kg
Inhalation	Not considered a hazard under normal use
Eye Irritation	Causes eye irritation.
Skin Irritation	Causes skin irritation.
Respiratory Irritation	If mists are inhaled, slight irritation of the respiratory tract may occur.
Carcinogenicity	Not known to be carcinogenic.
Mutagenicity	Not considered to be a mutagenetic hazard.
Reproductive toxicity	Not considered to be a hazard.

12. ECOLOGICAL INFORMATION

12.1. Ecotoxicity

Toxic to aquatic life with long lasting effects.

12.2. Bioaccumulation

The product has the ability to bioaccumulate. No available data on bioaccumulation.

12.3. Degradability

No available data on degradability.

13. DISPOSAL CONSIDERATIONS

Waste relating to the product is considered hazardous, and should be disposed of according to regulations as stipulated by local authorities.

14. TRANSPORTATION INFORMATION

The product is not regulated and no special transportation requirements exist.

15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

European Union – European Inventory of Existing Commercial Chemical Substances (EINECS) (English).

Chemical Safety Assessment

No data available.

16. OTHER INFORMATION

Full text of H-Phrases

H302	Harmful if swallowed.
H304	Aspiration hazard
H311	Toxic in contact with skin.
H314	Causes severe skin burn and eye damage.
H317	May cause an allergic skin reaction.
H318	Risk of serious damage to eyes.

H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H361d	Suspected of damaging unborn child.
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects.
H411	Hazardous to the aquatic environment, long-term hazard
H412	Harmful to aquatic life with long lasting effects.

Abbreviations that may have been used in this document

GHS	Global Harmonised System
LD50	Lethal dose 50
REACH	Registration, Evaluation, Authorisation and Restriction of chemicals
SDS	Safety Data Sheet
STEL	Short term exposure limit
TWA	Time weighted average

Further information

Validated by : GUD Holdings (Pty) Ltd
Validation date : August 2026
Revision number : 02
Revision date : August 2026