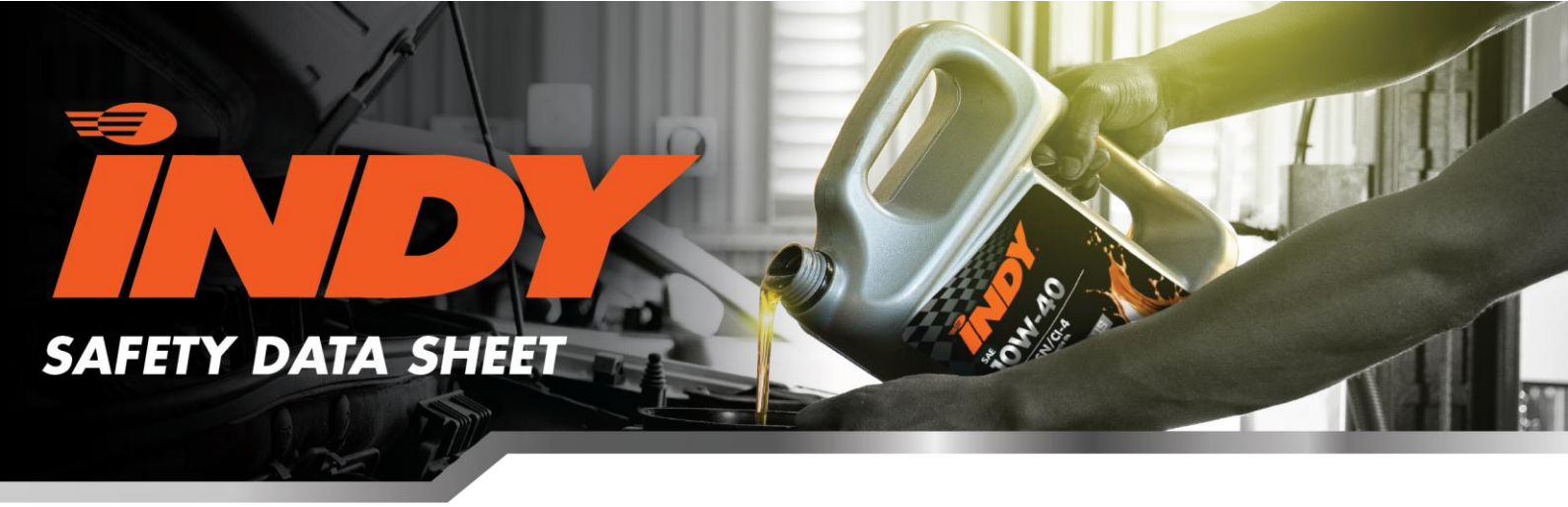


# INDY SUPER TWO STROKE OIL

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## 1. PRODUCT AND COMPANY IDENTIFICATION

| | |
|---|---|
| Product Name | INDY SUPER TWO STROKE OIL |
| Description | Two-Stroke Motorcycle Engine Oil |
| Validation Date | March 2024 |
| Manufacturer | GUD Holdings (Pty) Ltd via Indy Oil SA<br>3 The Avenue East<br>Isipingo<br>KwaZulu-Natal<br>South Africa<br>4110 |
| Emergency Contact Number | + 27 31 910 3111<br>+ 27 60 572 8088 |

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## 2. HAZARDS INDENTIFICATION

| | |
|---|---|
| Human Health Hazards | Causes eye irritation characterized by a burning sensation. Inhalation of vapour or mist may cause respiratory tract irritation.<br><br>The product is harmful if swallowed. Aspiration of the material into the lungs may cause chemical pneumonitis. Ingestion may lead to stomach distress, nausea and |

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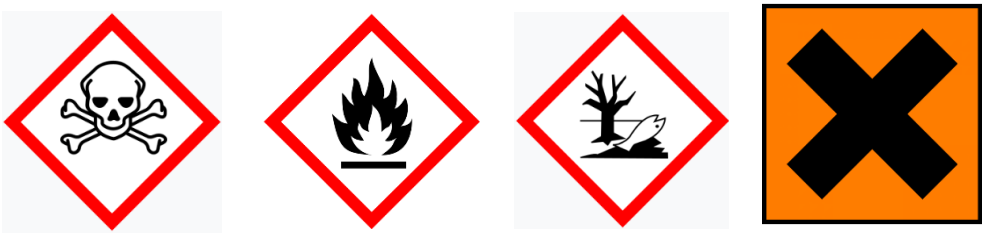
| | vomiting. Repeated contact or exposure to the skin may lead to cracking / drying due to the defatting action of the material. Skin discolouration may occur as a result of prolonged exposure. |
| Safety Hazards | The product contains a flammable component. Care should be exercised upon storage and handling. |
| Environmental Hazards | The product may lead to environmental contamination as applicable to those associated with oil spills. |

### Hazard classification



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## 3. COMPOSITION/INFORMATION ON INGREDIENTS:

| Component | EINECS Number | CAS registry number | % Content | Classification |
|---|---|---|---|---|
| Distillate (Petroleum), Solvent dewaxed, paraffinic | 265-157-1 | 64742-54-7 | 60 - 80 | H319 / H318 |
| Medium Aliphatic Petroleum Solvent | - | 64742-88-7 | 75 - 85 | Xn H226, H304 |
| Heavy Aromatic Petroleum Solvent | - | 64742-94-5 | 15 - 25 | Xn, N, H226, H332/302, H319/315 |
| Benzene | - | 71-43-2 | <0.10 | F, T, H225, H350, H372/331/311/301 |

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## 4. 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.

The following recommendations apply to sources of exposure:

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| Inhalation | Remove to fresh air, and keep affected person at rest. Obtain medical attention if irritation to respiratory tract is severe and adversely affects breathing. |
| Ingestion | Rinse out mouth thoroughly. 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 | Flush eyes with clean water for at least 15 minutes. Do not rub or agitate the affected area. |

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## 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.

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| Extinguishing Media: | Foam or dry chemical powder. Carbon dioxide, sand or earth can be used for small |

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| | 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

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| 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. |
| 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. |
| 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.

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## 7. HANDLING AND STORAGE

USAGE PRECAUTIONS

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.

STORAGE CONDITIONS

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.

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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| Physical appearance | Liquid at ambient temperature | |
| Colour | Blue | |
| Odour | Hydrocarbon/solvent | |
| Solubility | Insoluble in water | |
| Vapour density (air = 1) | Heavier than air | |
| Viscosity at 100ºC (kinematic) | 10.8 cSt | (typical) |
| Density at 20ºC | 850 $kg.m^{-3}$ | (typical) |
| Flash Point | 110-115 °C | |

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## 10. STABILITY AND REACTIVITY

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| Chemical stability | Stable. |
| Reactivity | Not reactive |

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| Materials to avoid | Strong oxidising agents |
| Conditions to avoid | Extremes of temperatures. |
| Hazardous Decomposition Products known | None under normal conditions |

## 11. TOXICOLOGICAL INFORMATION

HEALTH WARNINGS

The product is not considered hazardous under normal conditions of use. May cause irritation to eyes, and irritation to skin under prolonged exposure or contact.

ROUTES OF ENTRY

Inhalation. Ingestion. Skin or eye contact.

TOXICOLOGICAL DATA

| | |
|---|---|
| Inhalation | Not considered a hazard under normal use |
| Eye Irritation | Can be slightly irritating |
| Skin Irritation | Can be slightly irritating upon prolonged exposure. |
| 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

ECOTOXICITY

The product may cause physical fouling of the aquatic environment, and may present risks associated with oil spills.

BIOACCUMULATION

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

DEGRADABILITY

No available data on degradability.

## 13. DISPOSAL CONSIDERATIONS

Waste relating to the product is considered hazardous, and should be disposed off 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

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|---|---|
| Hazard phrases | H319/318 |
| Safety phrases | P101, P102 |

## 16. OTHER INFORMATION

**Full text of H-Phrases**

| | |
|---|---|
| H225 | Highly flammable liquid and vapor. |
| H226 | Flammable liquid and vapor. |
| H301 | Toxic if swallowed. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H311 | Toxic in contact with skin. |
| H319 | Causes serious eye irritation. |
| H318 | Risk of serious damage to eyes. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H331 | Toxic if inhaled. |

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|---|---|
| H332 | Harmful if inhaled. |
| H350 | May cause cancer. |
| H372 | Causes damage to organs through prolonged or repeated exposure |
| H412 | Harmful to aquatic life with long lasting effects. |
| H413 | May cause long lasting harmful effects to aquatic life. |

**Full text of P-Phrases**

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|---|---|
| P102 | Keep out of the reach of children. |
| P101 | If medical advice is needed, have product container or label at hand. |

**Hazard class and hazard category**

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|---|---|
| F | Flammable |
| N | Dangerous for the environment |
| T | Toxic |
| Xn | Harmful |

**Further information**

| | |
|---|---|
| Validated by | : GUD Holdings (Pty) Ltd |
| Validation date | : March 2024 |
| Revision number | : 02 |
| Revision date | : March 2024 |