INDY MAX DX VI

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1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifier and uses of the substance or mixture

Product Name	INDY MAX DX VI
Description	Automatic Transmission Fluid
Relevant uses	Auto transmissions, hydraulic systems, and power steering systems.

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

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2. HAZARDS INDENTIFICATION

2.1 Classification of the substance or mixture

Aquatic Chronic 2, H411

2.2 Label elements

Hazard pictograms (CLP)

Signal word	No signal word.
Hazard statements	H411- Toxic to aquatic life with long lasting effects.
Precautionary statements	
Prevention	P273 - Avoid release to the environment.
Storage	P403- Store in a well-ventilated place.
Disposal	P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3 Other hazards Contains no PBT/vPvB substances≥0.1

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3. COMPOSITION/INFORMATION ON INGREDIENTS:

Component	PRODUCT IDENTIFIER	% Content	Classification
Distillate (Petroleum), Hydrotreated, heavy paraffinic	CAS No.: 64742-54-7 EC No.: 265-157-1	50 - 80	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11 branched alkyloxy) derivs., C10-rich	CAS No.: - EC No.: 800-172-4	≥5 - ≤10	Aquatic Chronic 2, H411
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	CAS No.: 72623-86-0 EC No.: 276-737-9	≥5 - ≤10	Asp. Tox. 1, H304
Distillates (petroleum), hydrotreated light paraffinic	CAS No.: 64742-55-8 EC No.: 265-158-7	≥5 - ≤10	Asp. Tox. 1, H304
2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol	CAS No.: - EC No.: 620-540-6	≥0.5 - <1	Acute Tox. 4, H302 Skin Corr. 1C, H314 Eye Dam. 1, H318

			Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Dimantine	CAS No.: 124-28-7 EC No.: 204-694-8	≥0.5 - <1	Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
3-((C9-11-iso,C10-rich)alkyloxy)propan-1-amine	CAS No.: - EC No.: 939-485-7	≥0.3 - ≤0.5	Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Methyl-1H-benzotriazole	CAS No.: 29385-43-1 EC No.: 249-596-6	≥0.1 - ≤0.3	Acute Tox. 4, H302 Repr. 2, H361d Aquatic Chronic 2, H411
2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol	CAS No.: - EC No.: 202-414-9	≥0.1 - ≤0.3	Acute Tox. 4, H302 Skin Corr. 1C, H314 Eye Dam. 1, H318 STOT RE 2, H373 (gastrointestinal tract, thymus) (oral) Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Dodecyl methacrylate	CAS No.: 142-90-5 EC No.: 205-570-6	≥0.1 - ≤0.3	STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

4. FIRST AID MEASURES

4.1 Description of first aid measures

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. Do not give mouth-to-mouth resuscitation. Obtain medical attention if adverse health effects persist or are severe.

Ingestion Rinse out mouth thoroughly. Obtain medical attention immediately.

Skin Contact Remove contaminated clothing, and wash skin with plenty water. 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. Remove any contact lenses if present. Get medical attention if irritation occurs.

4.2 Most important symptoms and effects, both acute and delayed

No known significant effects or critical hazards.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media Water spray. Foam. Dry powder. Carbon dioxide.

5.2 Special hazard arising from substance or mixture

Hazardous decomposition products Decomposition products may include fumes of carbon dioxide (CO_2), carbon monoxide

(CO), nitrogen oxides (NO_x) and Sulfur oxides (SO_x).

5.3 Advise for firefighters

Protection during firefighting Proper protective equipment including breathing apparatus must be worn when approaching a fire.

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6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Emergency procedures Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fumes/gas/vapours/spray.

Emergency responders Do not attempt to act without protective equipment.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Spill clean-up / containment

Take up liquid into absorbent material. Dispose of material or solid residues as per the regulations of the local site.

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7. HANDLING AND STORAGE

7.1 USAGE PRECAUTIONS

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.

Hygiene measures 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 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

8.1 Control parameters

Occupational exposure and biological limits

No additional information available.

8.2 Exposure controls

8.2.1 Appropriate engineering controls:

Ensure adequate ventilation of the work place.

8.2.2 Personal protection equipment

Personal protection equipment symbol(s):

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.

Skin protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic 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 100ºC (kinematic)	5.8 – 6.4 cSt	(typical)
Density at 20ºC	840 - 860 $kg.m^{-3}$	(typical)
Viscosity Index	≥145	
Flash Point	>220 °C	

9.2 Other information

No additional information available.

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10. STABILITY AND REACTIVITY

10.1	**Chemical stability**	Under recommended handling and storage conditions the product is stable.
10.2	**Reactivity**	No specific test data related to reactivity available for this product or its ingredients.
10.3	**Materials to avoid**	Strong oxidising and reducing agents.
10.4	**Conditions to avoid**	Extremes of temperatures sparks and open flames.
10.5	**Hazardous Decomposition**	

Products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity (Oral)	No Classification.
Acute toxicity (Dermal)	No Classification.
Acute toxicity (Inhalation)	No Classification.

11.2 Information on other hazards

No additional information available.

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12. ECOLOGICAL INFORMATION

12.1 Toxicity Ecology

Harmful to aquatic life with long lasting effect.

12.2 Bioaccumulation

No available data on bioaccumulation.

12.3 Degradability

No available data on degradability.

12.4 Mobility in soil

No information available.

12.5 Other adverse effect

No information available.

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13. DISPOSAL CONSIDERATIONS

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

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14. TRANSPORTATION INFORMATION

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

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulation

No regulations.

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

16. OTHER INFORMATION

Abbreviations and acronyms

ACGIH TLV	American Conference of Governmental Industrial Hygienists Threshold Limit Value.
CAS No.	Chemical Abstract Service number.
EC No.	European Community number.
HDPE	High-density polyethylene
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals.
SDS	Safety Data Sheet.
STEL	Short term exposure limit.

Full text of H-Phrases

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H318	Risk of serious damage to eyes.
H335	May cause respiratory irritation.

H361f	Suspected of damaging fertility.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

Further information

Validated by	: GUD Holdings (Pty) Ltd
Validation date	: January 2025
Revision number	: 02
Revision date	: January 2025