



INDY AGRIFLUID 80W UTTO

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifier and uses of the substance or mixture

Product Name	Indy Agrifluid 80W UTTO
Description	Multipurpose tractor transmission and hydraulic fluid.
Relevant uses	Transmissions, final drives, hydraulic systems and fluid immersed disc brakes.

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
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1.3 Emergency telephone number

Emergency Contact Number(s)	+ 27 31 910 3111 + 27 60 572 8088
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2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Mixture.

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

H315- Skin corrosion/irritation, Category 2

SAFETY DATA SHEET – PAGE 2

H318- Serious eye damage/eye irritation, Category 1

H317- Skin sensitisation, Category 1

H412- Hazardous to the aquatic environment – Chronic Hazard, Category 3

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Harmful to aquatic life with long lasting effects.

2.2 Label elements

Under the criteria of Regulation (EC) No 1272/2008 (CLP):

Hazard pictograms (CLP)



Signal word

Danger.

Hazard statements

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H318 - Causes serious eye damage.

H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 - Wash hands, forearms and face thoroughly after handling.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P273 - Avoid release to the environment.

SAFETY DATA SHEET – PAGE 3

P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

Response

P302+P352 - IF ON SKIN: Wash with plenty of water.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTER or doctor.

P321 - Specific treatment (see supplemental first aid instruction on this label).

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

Storage

P405- Store locked up.

Disposal

P501- Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

2.3 Other hazards

Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS:

Component	PRODUCT IDENTIFIER	% Content	Classification
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Distillate (Petroleum), Hydrotreated, heavy paraffinic	CAS No.: 64742-54-7 EC No.: 265-157-1	60 - 85	Asp. Tox. 1, H304
Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso- Bu) esters, zinc salts	CAS No.: 68442-22-8 EC No.: 270-478-5	20 - 30	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411
Benzenesulfonic acid, C10-16- alkyl derivs. Calcium salt	CAS No.: 68584-23-6 EC No.: 271-529-4	1 - 5	Skin Sens. 1B, H317
Sulfonic acids, petroleum, calcium salts	CAS No.: 61789-86-4 EC No.: 263-093-9	1 - 5	Acute Tox. 4 (Inhalation: dust, mist), H332 Skin Sens. 1B, H317
Benzenesulfonic acid, mono- C16-24-alkyl derivs., calcium salts	CAS No.: 70024-69-0 EC No.: 274-263-7	1 - 5	Skin Sens. 1B, H317
tolutriazole compound	EC No.: 939-700-4	≥ 0.1 – < 1	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411

4. FIRST AID MEASURES

4.1 Description of first aid measures

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 advice immediately.

Skin Contact

Remove contaminated clothing, apply a waterless hand cleaner, mineral oil, or petroleum jelly. Then wash with soap and water. Discard contaminated clothing and shoes or thoroughly clean before reuse.

Eye Contact

Flush eyes with clean water for at least 15 minutes. Remove contact lenses, if worn. Do not rub or agitate the affected area. Get immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation

May cause respiratory irritation or other pulmonary effects following prolonged or repeated inhalation of oil mist at airborne levels above the recommended mineral oil mist exposure limit.

Ingestion

Not expected to be harmful if swallowed.

Skin

Contact with the skin is not expected to be harmful.

Eye

Contact with the eyes causes severe irritation. Symptoms may include pain, tearing, reddening, swelling and impaired vision.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

Unsuitable extinguishing media

Do not use a heavy water stream.

5.2 Special hazard arising from substance or mixture

Fire hazard

No fire hazard.

Explosion hazard

No direct explosion hazard.

Hazardous decomposition

products in case of fire

Toxic fumes may be released.

5.3 Advise for firefighters

Firefighting instructions

Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.

Protection during firefighting

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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. Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2 Environmental precautions

Avoid release to prevent further contamination of soil, surface water or groundwater.

6.3 Methods and material for containment and cleaning up

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

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. 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.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure and biological limits

Distillates (petroleum), hydrotreated heavy paraffinic (DMSO <3%) (64742-54-7)	
Belgium - Occupational Exposure Limits	
OEL TWA	5 mg/m ³
OEL STEL	10 mg/m ³
Netherlands - Occupational Exposure Limits	
TGG-8u (OEL TWA)	5 mg/m ³
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	5 mg/m ³

DNEL and PNEC

Tolutriazole compound
DNEL/DMEL (Workers)

SAFETY DATA SHEET – PAGE 8

Long-term - systemic effects, dermal	0.4 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	1.3 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	0.2 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0.3 mg/m ³
Long-term - systemic effects, dermal	0.2 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.000976 mg/l
PNEC aqua (marine water)	0.0000976 mg/l
PNEC aqua (intermittent, freshwater)	0.00976 mg/l
PNEC (STP)	
PNEC sewage treatment plant	0.69 mg/l
Benzenesulfonic acid, C10-16-alkyl derivs. Calcium salt (68584-23-6)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	3.33 mg/kg bodyweight/day
Long-term - local effects, dermal	1.03 mg/cm ²
Long-term - systemic effects, inhalation	11.75 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	0.8333 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	2.9 mg/m ³
Long-term - systemic effects, dermal	1.667 mg/kg bodyweight/day
Long-term - local effects, dermal	0.513 mg/cm ²
PNEC (Water)	
PNEC aqua (freshwater)	1 mg/l
PNEC aqua (marine water)	1 mg/l
PNEC aqua (intermittent, freshwater)	10 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	226000000 mg/kg dwt
PNEC sediment (marine water)	226000000 mg/kg dwt

SAFETY DATA SHEET – PAGE 9

PNEC (Soil)	
PNEC soil	271000000 mg/kg dwt
PNEC (Oral)	
PNEC oral (secondary poisoning)	16.667 mg/kg food
PNEC (STP)	
PNEC sewage treatment plant	1000 mg/l
Sulfonic acids, petroleum, calcium salts (61789-86-4)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	3.33 mg/kg bodyweight/day
Long-term - local effects, dermal	1.03 mg/cm ²
Long-term - systemic effects, inhalation	11.75 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	0.8333 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	2.9 mg/m ³
Long-term - systemic effects, dermal	1.667 mg/kg bodyweight/day
Long-term - local effects, dermal	0.513 mg/cm ²
PNEC (Water)	
PNEC aqua (freshwater)	1 mg/l
PNEC aqua (marine water)	1 mg/l
PNEC aqua (intermittent, freshwater)	10 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	226000000 mg/kg dwt
PNEC sediment (marine water)	226000000 mg/kg dwt
PNEC (Soil)	
PNEC soil	271000000 mg/kg dwt
PNEC (Oral)	
PNEC oral (secondary poisoning)	16.667 mg/kg food
PNEC (STP)	
PNEC sewage treatment plant	1000 mg/l

Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts (70024-69-0)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	3.33 mg/kg bodyweight/day
Long-term - local effects, dermal	1.03 mg/cm ²
Long-term - systemic effects, inhalation	11.75 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	0.8333 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	2.9 mg/m ³
Long-term - systemic effects, dermal	1.667 mg/kg bodyweight/day
Long-term - local effects, dermal	0.513 mg/cm ²
PNEC (Water)	
PNEC aqua (freshwater)	1 mg/l
PNEC aqua (marine water)	1 mg/l
PNEC aqua (intermittent, freshwater)	10 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	226000000 mg/kg dwt
PNEC sediment (marine water)	226000000 mg/kg dwt
PNEC (Soil)	
PNEC soil	271000000 mg/kg dwt
PNEC (Oral)	
PNEC oral (secondary poisoning)	16.667 mg/kg food
PNEC (STP)	
PNEC sewage treatment plant	1000 mg/l
Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu) esters, zinc salts (68442-22-8)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	11.4 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	8.05 mg/m ³
DNEL/DMEL (General population)	

Long-term - systemic effects, oral	0.24 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	1.98 mg/m ³
Long-term - systemic effects, dermal	5.71 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	4 µg/l
PNEC aqua (marine water)	4.6 µg/l
PNEC aqua (intermittent, freshwater)	45 µg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0.04508 mg/kg dwt
PNEC sediment (marine water)	0.00451 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.00676 mg/kg dwt
PNEC (Oral)	
PNEC oral (secondary poisoning)	10.67 mg/kg food
PNEC (STP)	
PNEC sewage treatment plant	100 mg/l

Recommended monitoring procedures

No additional information available.

Air contaminants formed

No additional information available.

DNEL and PNEC

No additional information available.

Control banding

No additional information available.

8.2 Exposure controls

Appropriate engineering controls:

Ensure adequate ventilation of the work place.

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.

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 100°C (kinematic)	8.5 - 10.45 cSt	(typical)
Viscosity Index	≥132	
Density at 20°C	860 – 900 kg.m ⁻³	(typical)

Flash Point

≥160 °C

9.2 Other information

No data available.

10. STABILITY AND REACTIVITY

Chemical stability

Stable under normal ambient conditions.

Reactivity

Not expected to be reactive.

Materials to avoid

Strong oxidising agents.

Conditions to avoid

None under recommended storage and handling conditions (see section 7).

Mutagenicity

Not considered a mutagenic hazard.

Carcinogenicity

Not classified as carcinogenic.

Hazardous Decomposition Products

Alkyl Mercaptans.

11. TOXICOLOGICAL INFORMATION**11.1 Information on hazard classes**

Acute Oral Toxicity

Not classified.

Acute Dermal Toxicity

Not classified.

Acute Inhalation Toxicity

Not classified.

11.2 Information on other hazards

No additional information available.

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.

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

This material is not classified as dangerous 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

CAS No.

Chemical Abstract Service number.

EC No.

European Community number.

Full text of H-Phrases

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Risk of serious damage to eyes.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Full text of P-Phrases

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash hands, forearms and face thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

Further information

Validated by	: GUD Holdings (Pty) Ltd
Validation date	: June 2025
Revision number	: 03
Revision date	: June 2025

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.