

SYN AIR RANGE

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifier and uses of the substance or mixture

Product Name	Indy Air 32, 46, 68 & 100
Description	Synthetic Air Compressor Oils
Relevant uses	Air compressors, rotary vane and screw compressors

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 the substance or mixture

Mixture.

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

Skin Corr./Irrit. 2, H315

Eye Dam./Irrit. 1, H318

Repr. 2 (fertility), Repr. 1B (unborn child), H360Df

STOT RE (Blood, Kidney) 2, H373

Aquatic Acute 1, H400

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.

Aquatic Chronic 1, H410

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

H318	Causes serious eye damage.
H315	Causes skin irritation.
H373	May cause damage to organs (Blood, Kidney) through prolonged or repeated exposure.
H360Df	May damage the unborn child. Suspected of damaging fertility.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary statements;

Prevention

P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

Response

P305+P351+P338	If in eyes: rinse cautiously with water several minutes. Remove contact lenses, if present and easy and easy to do. Continue rinsing.
P310	Immediately call a poison centre or doctor.

Storage

P405	Store locked up.

Disposal

P501	Dispose of contents/container to hazardous or special waste collection point.

2.3 Other hazards

The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

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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 - 95	Skin Corr./Irrit. 2, H315 Eye Dam./Irrit. 1, H318 Aquatic Acute 1, H400
C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate	CAS No.: 125643-61-0 EC No.: 406-040-9	>=20 - <25	Aquatic Chronic 4, H413
N-1-Naphthylaniline	CAS No.: 90-30-2 EC No.: 201-983-0	>=25 - < 50	Acute Tox. 4 (oral), H302 Skin Sens. 1B, H317 STOT RE (Blood, Kidney) 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
N,N-bis(2-ethylhexyl)-6-methyl-	CAS No.: 90-30-2 EC No.: 201-983-0	>= 7 - < 10	Skin Corr./Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H411

			Aquatic Chronic 2, H400
(Z)-N-Methyl-N-(1-oxo-9-octadecenyl)glycine	CAS No.: 110-25-8 EC No.: 203-749-3	>= 0.3 - < 1	Acute Tox. 4 (Inhalation - mist), H332 Skin Corr./Irrit. 2, H315 Eye Dam./Irrit. 1, H318 Aquatic Acute 1, H400
Bis(2-(2-methoxyethoxy)ethyl) ether	CAS No.: 143-24-8 EC No.: 205-594-7	>=10 - <15	Repr. 2 (fertility), Repr. 1B (unborn child), H360Df
(4-Nonylphenoxy)acetic acid	CAS No.: 3115-49-9 EC No.: 221-486-2	>=3 - <5	Acute Tox. 4 (oral), H302 Skin Corr./Irrit. 1B, H314 Eye Dam./Irrit. 1, H318 Skin Sens. 1A, H317 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. 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 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 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.

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5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media	Use water fog, foam, dry chemical or carbon dioxide (CO_2) 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 act without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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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. 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.

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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 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.

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure and biological limits

None.

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.

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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 40 ºC (kinematic)	28.8 - 110 cSt	(dependent on grade)
Viscosity Index	≥99	
Density at 20ºC	840 – 910 kg.m^{-3}	(dependent on grade)
Flash Point	≥210 °C	

9.2 Other information

No data available.

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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.

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11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes

Acute Oral Toxicity	LD50 rat (oral): > 2,000 mg/kg.
Acute Dermal Toxicity	LD50 rat (dermal): > 2,000 mg/kg.
Acute Inhalation Toxicity	Not classified.

11.2 Information on other hazards

No additional information available.

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12. ECOLOGICAL INFORMATION

12.1 Toxicity ecology

Very toxic to aquatic life with long lasting effects.

12.2 Bioaccumulation

The product contains components with potential for bioaccumulation.

12.3 Degradability

Moderately/partially biodegradable.

12.4 Mobility in soil

The substance will not evaporate into the atmosphere from the water surface.

12.5 Other adverse effect

The product does not contain substances that are listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer.

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

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H400	Very toxic to aquatic life.
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Full text of P-Phrases

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Further information

Validated by	: GUD Holdings (Pty) Ltd
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