

INJECTOR CLEANER (PETROL)

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifier and uses of the substance or mixture

Product Name	Indy Injector Cleaner (Petrol)
Description	Fuel Injector System Cleaner for Petrol Engines
Relevant uses	Single and multiport injector 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

2. COMPOSITION

Component	EINECS Number	CAS registry number	% content	Classification
Petroleum distillate (solvent refined), heavy paraffinic	265-157-1	64742-54-7	40 - 80	R36 / R38
Propane		74-98-6	20 - 50	R11

3. HAZARDS INDENTIFICATION

Human Health Hazards	Causes eye irritation. Causes skin irritation. Cause respiratory tract irritation. Prolonged or repeated contact may dry skin and cause irritation. Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headaches, dizziness).

	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 vomiting.
Safety Hazards	The product contains a volatile component, and is flammable. Care should be exercised upon storage and handling. Avoid storage at excessive temperatures and near heat / ignition sources.
Environmental Hazards	The product contains a substance that is harmful to aquatic organisms and may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES

General Information

If the product is sprayed 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:

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. Treat with activated charcoal (20 – 40 g in 10% slurry). A relevant laxative is sodium sulphate (15 mL per 250 mL water). 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. Do not rub or agitate the affected area.

5. FIRE FIGHTING MEASURES

Hazardous combustion products may include carbon monoxide (CO) and carbon dioxide (CO_2).

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

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.

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. Avoid use near excessive temperatures or sources of heat and ignition.

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.

This product is flammable and should not be stored on or near open sources of heat and ignition. Avoid storage at high temperatures.

This product contains a propellant and the contents are pressurized. Ensure that the product is stored away from objects that might cause the can to be punctured / ruptured.

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
No specific respiratory equipment is recommended when used in well-ventilated area.

HAND PROTECTION
The use of chemical-resistant, nitrile 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance	Aerosol
Odour	Hydrocarbon
Solubility	Partially soluble in water
Vapour density (air = 1)	Heavier than air
Density at 20ºC	870 $kg.m^{-3}$ (typical)

10. STABILITY AND REACTIVITY

Stability	The product is stable.
Materials to avoid	Strong oxidising agents.
Conditions to avoid	Extremes of temperatures.
Hazardous Decomposition Products	None under normal conditions known

11. TOXICOLOGICAL INFORMATION

HEALTH WARNINGS
The product can be hazardous when inhaled or touched. May cause internal injury. Vapour from product is hazardous when inhaled.

ROUTES OF ENTRY
Inhalation. Ingestion. Skin or eye contact.

12. ECOLOGICAL INFORMATION

ECOTOXICITY
The product contains a substance that is harmful to aquatic organisms and may cause long-term adverse effects in the aquatic environment. The product is dangerous to the environment if discharged into water courses.

BIOACCUMULATION
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 classified as flammable. The following transportation information applies:

Description	: Aerosol
Shipping Name	: Flammable Liquid, N.O.S. (Naphtha (petroleum), Hydrotreated heavy (<0.1%Benzene), Solvent Naphtha (petroleum) heavy aromatic)
Hazard class	: 2.1
UN number	: 1950
Label code	: 2.1
Passenger aircraft rail	: Forbidden
Cargo aircraft only	: 150 kg

15. REGULATORY INFORMATION

Risk phrases	R11, R36/38
Safety phrases	S9, S16, S23, S33

16. OTHER INFORMATION

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

RISK PHRASES IN FULL

R11 : Highly flammable
R36 / 38: Irritating to eyes and skin