



# SAFETY DATA SHEET



## INDY PURPINATOR

### Heavy-Duty All-Purpose Cleaner and Degreaser

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	INDY PURPINATOR
Description	Heavy-Duty All-Purpose Cleaner and Degreaser
Validation Date	November 2023
Manufacturer	GUD Holdings (Pty) Ltd via Indy Oil SA 3 The Avenue East Isipingo KwaZulu-Natal South Africa 4110
Emergency Contact Number	+ 27 31 910 3111 + 27 60 572 8088

## 2. COMPOSITION

Component	EINECS Number	CAS registry number	% content	Classification
Sodium hydroxide	215-185-5	1310-73-2	0.5 – 2.0	Xi, R36/38

## 3. HAZARDS IDENTIFICATION

### Human Health Hazards

Causes eye irritation characterized by a burning sensation. Inhalation of vapour or mist 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

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## MATERIAL SAFETY DATA SHEET – PAGE 2

lead to stomach distress, nausea and 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 is not classified as flammable but is highly reactive with certain substances. Care should be exercised upon storage and handling. Avoid contact with high temperatures and ignition sources.

### Environmental Hazards

The product may lead to environmental contamination.

## 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. The product has the potential to be fatal if large amounts are swallowed. 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. 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.

## 5. FIRE FIGHTING MEASURES

### Extinguishing Media:

This product is not flammable.

### Protective Equipment

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

### Safety Hazards

Not applicable

## 6. ACCIDENTAL RELEASE MEASURES

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## MATERIAL SAFETY DATA SHEET – PAGE 3

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	Product is biodegradable, and does not pose significant risk to the environment.
Spill clean-up / containment	Dispose of material according to agreement with local authorities.

## 7. HANDLING AND STORAGE

### USAGE PRECAUTIONS

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.

### 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. Exposure to excessive temperatures should be avoided.

## 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 for sensitive skin.

### 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.

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## MATERIAL SAFETY DATA SHEET – PAGE 4

### HYGIENE MEASURES

Wash skin with soap and water if irritation persists.

### OCCUPATIONAL EXPOSURE

The ACGIH TLV for sodium hydroxide is 2 mg.m<sup>-3</sup> for a time period of 8-hour exposure.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance	Liquid at ambient temperature
Odour	Detergent
Solubility	Soluble in water
Vapour density (air = 1)	Heavier than air
Density at 20°C	1000 kg.m <sup>-3</sup> (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 ingested.

### ROUTES OF ENTRY

Inhalation. Ingestion. Skin or eye contact.

### TOXICOLOGICAL DATA

Acute toxicity - Oral	LD50 expected to be > 500 mg/kg
- Dermal	LD50 expected to be > 500 mg/kg
Inhalation	Can be irritating
Eye Irritation	Can be slightly irritating
Skin Irritation	Can be slightly irritating upon prolonged exposure.
Respiratory Irritation	If mists are inhaled, 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 will not cause physical fouling of the aquatic environment.

### BIOACCUMULATION

No available data on bioaccumulation.

### DEGRADABILITY

This product is biodegradable.

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## 13. DISPOSAL CONSIDERATIONS

Waste relating to the product is not 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

Risk phrases	R36/38
Safety phrases	1 / 2 – 26-37 / 39 – 45

## 16. OTHER INFORMATION

Validated by	: GUD Holdings (Pty) Ltd
Validation date	: Novemebr 2023
Revision number	: 01
Revision date	: November 2023

RISK PHRASES IN FULL  
R36/38 : Irritating to eyes and skin

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