



MATERIAL SAFETY DATA SHEET

MULTISURFACE CLEANER

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	Multisurface Cleaner
Description	Multisurface Cleaner
Validation Date	November 2017
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
Microbe+ enzyme blend	n/a	proprietary	10 - 90	R36

3. HAZARDS IDENTIFICATION

Human Health Hazards	Causes slight eye cause irritation upon contact with eyes. Non-toxic.
Safety Hazards	The product is non-toxic and non-flammable.

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Environmental Hazards

None associated. The product is listed as biodegradable.

4. FIRST AID MEASURES

General Information

If the product splashes into the eye it may cause irritation and conjunctivitis.

The following recommendations apply to sources of exposure:

Inhalation

No special measures.

Ingestion

Rinse out mouth thoroughly. Do not induce vomiting. Obtain medical attention if irritation continues.

Skin Contact

Remove contaminated clothing, and wash skin with soap and water.

Eye Contact

Flush eyes with clean water for at least 15 minutes. Do not rub or agitate the affected area. Obtain medical attention if irritation continues.

5. FIRE FIGHTING MEASURES

The product contains natural ingredients and is not classified as flammable.

Extinguishing Media:

According to surrounding environment. Water sprays or dry chemical powder may be used.

Protective Equipment

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

In the event of a spill, beware of slippery surfaces.

Environmental precautions

The product is biodegradable and no special environmental precautions exist. Disposal of product should occur within stated local guidelines and regulations.

Spill clean-up / containment

No special measures required.

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. Ensure personal protective equipment is used where necessary.

STORAGE CONDITIONS

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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.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

PROTECTIVE EQUIPMENT

The following personal protective equipment is applicable:



ENGINEERING MEASURES

Provide adequate ventilation. Observe occupational exposure limits as per general workplace safety requirements.

RESPIRATORY EQUIPMENT

The use of respiratory equipment under normal operating conditions is not required.

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.

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.

OCCUPATIONAL EXPOSURE

No limits established.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance	Clear liquid at ambient temperature
Odour	Slight
Solubility	Readily soluble
Vapour density (air = 1)	not applicable
Viscosity at 20°C	10 – 20 cP
Density at 20°C	1020 kg.m ⁻³ (typical)
pH (concentrate)	neutral (7) (typical)
Auto-ignition Temperature	not applicable
Flash Point	not applicable

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

May cause slight eye irritation.

ROUTES OF ENTRY

Skin or eye contact, Ingestion

TOXICOLOGICAL DATA

Acute toxicity - Oral	Non-toxic
- Dermal	Non-toxic
Inhalation	Not considered a hazard under normal use
Eye Irritation	Can be slightly irritating
Skin Irritation	Can be slightly irritating upon prolonged exposure.
Respiratory Irritation	Can be slightly irritating upon prolonged exposure
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

Non-toxic to the environment and its inhabitants.

BIOACCUMULATION

The product is biodegradable and does not have the ability to bioaccumulate.

DEGRADABILITY

The product is biodegradable.

13. DISPOSAL CONSIDERATIONS

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Waste relating to the product 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
Safety phrases	none

16. OTHER INFORMATION

Validated by	: GUD Holdings (Pty) Ltd
Validation date	: November 2017
Revision number	: 01
Revision date	: First issue

RISK PHRASES IN FULL

R36: Irritating to eyes

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