

Testing Standard: SANS 1828 — Independently Tested	Cert. No.: 2018IS/TS/0328 Toxicology Risk Assessment Approved	Compliances: HACCP Eco-Choice Type 1 Food Industry Safe
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PRODUCT DESCRIPTION

GEARTH KitchenGuard is a multi-purpose heavy duty degreaser and general-purpose cleaner independently tested to **SANS 1828 standards**, designed and tested specifically for use in the food, beverage and related industries. It is a food industry approved, non-corrosive degreaser and cleaner with a highly concentrated formula proven to deliver very significant cost savings and performance improvements across multiple industries.

GEARTH KitchenGuard has been independently **Toxicology Risk Assessment Approved** and is Food Industry Safe (Certificate No: 2018IS/TS/0328). It is completely **HACCP Standards Compliant** and holds **Eco-Choice Type 1 Eco Accreditation** against global certification standards. The solvent-free formulation reduces Chemical Oxygen Demand (COD) in wastewater discharge and is safe for wastewater treatment plants.

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CERTIFICATIONS & REGISTRATIONS

Testing Standard	SANS 1828 — independently tested
Certificate Number	2018IS/TS/0328
Toxicology	Independently Toxicology Risk Assessment Approved — Food Industry Safe
HACCP Compliance	Completely HACCP Standards Compliant
Eco Accreditation	Eco-Choice Type 1 Eco Accreditation — global certification standards
Biodegradability	Completely biodegradable formulation

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KEY FEATURES & BENEFITS

- Independently tested to SANS 1828 — food industry approved
- Toxicology Risk Assessment Approved — food industry safe
- Completely HACCP Standards Compliant
- Heavy duty degreasing performance
- Economical daily cleaner — concentrated formula delivers significant cost savings
- Suitable as oven cleaner
- Suitable for dishwashing
- Pre-soaking for pots, dishes and utensils
- Stable extra high foaming formulation
- Suitable for spray foaming applications
- Solvent free formulation — reduces COD in wastewater discharge
- Wastewater treatment plant safe
- Excellent cleaning properties across all soil types
- Non-toxic, non-volatile, non-corrosive
- Completely biodegradable formulation

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- Eco-Choice Type 1 Eco Accreditation
- Super concentrate available for self-manufacturing

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INDUSTRY APPLICATIONS

- Food processing plants
- Industrial kitchens
- Breweries
- Abattoirs
- Post-harvest processing
- Tanker washing
- Animal farming facilities
- Canned food manufacturing
- Soft drink and beverage plants
- Sauce blending plants
- Chemical factories
- Starch processing plants
- Hospitals and medical centres

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DIRECTIONS FOR USE

Apply at the appropriate dilution for the intended cleaning task (refer to Dilution Guidelines below). For food contact surface applications, follow HACCP-compliant cleaning and rinsing protocols. After cleaning, use GEARTH VirusGuard surface disinfectant where disinfection is required.

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DILUTION GUIDELINES

Application	Dilution Ratio	Notes
Heavy Duty Degreasing	Undiluted to 1:5 with water	For heavily soiled surfaces, equipment, ovens, grills and industrial machinery
General Purpose Cleaning & Degreasing	1:10 with water	Routine cleaning of surfaces, equipment and food preparation areas
Floor & Wall Cleaning	1:100 to 1:200 with water	Economical dilution for large surface area floor and wall maintenance cleaning
Dishwashing & Utensil Pre-Soak	As required	Use for dishwashing and overnight pre-soaking of pots, dishes and utensils

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Spray Foaming Applications	As required	Stable extra high foaming formulation suitable for spray foam systems
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7	TECHNICAL SPECIFICATIONS
Physical State	Liquid
Appearance	Not Specified
Specific Gravity	Not Specified
pH	Not Specified
Solubility	Not Specified
Odour	Not Specified
Flash Point	Not Specified — solvent free
Boiling Point	Not Specified
Formulation Type	Concentrated multi-purpose heavy duty degreaser and general-purpose cleaner; solvent free; completely biodegradable
Foaming Properties	Stable extra high foaming formulation — suitable for spray foaming applications
Testing Standard	SANS 1828 — independently tested
Certificate Number	2018IS/TS/0328
Toxicology	Independently Toxicology Risk Assessment Approved — Food Industry Safe
HACCP Status	Completely HACCP Standards Compliant
COD Impact	Solvent free formulation reduces COD in wastewater discharge
Wastewater Safety	Safe for wastewater treatment plants
Toxicity	Non-toxic, non-volatile, non-corrosive
Biodegradability	Completely biodegradable formulation
Eco Accreditation	Eco-Choice Type 1 Eco Accreditation — global certification standards
8	STORAGE & SHELF LIFE

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Shelf Life	24 months from date of manufacture.
Storage Conditions	Store in a cool, dry place away from direct sunlight. Keep container sealed when not in use.

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PACKAGING

Pack Size	Not Specified — contact GEARTH (Pty) Ltd for available pack sizes
Super Concentrate	Available for own manufacture — significantly reduces product and shipping costs

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ENVIRONMENTAL INFORMATION

- Completely biodegradable formulation.
- Solvent free — reduces Chemical Oxygen Demand (COD) in wastewater discharge, supporting compliance with effluent discharge standards.
- Safe for wastewater treatment plants — does not disrupt biological treatment processes.
- Non-toxic, non-volatile and non-corrosive — reduced risk to personnel and the environment during handling and use.
- Highly concentrated formula — reduces packaging volume, transport emissions and chemical spend per cleaning cycle.
- Eco-Choice Type 1 Eco Accreditation — independently verified against global environmental certification standards.

The information contained in this Technical Data Sheet is based on data believed to be accurate at the time of publication. GEARTH (Pty) Ltd reserves the right to update or revise specifications without prior notice. Users are responsible for determining the suitability of this product for their specific application. Always handle cleaning products in accordance with applicable health, safety and environmental legislation. For food contact surface applications, always rinse thoroughly after use in accordance with HACCP-compliant procedures. Wear appropriate PPE during handling and application. Refer to the product Safety Data Sheet (SDS) for full handling, first aid and emergency procedures.