



SAFETY DATA SHEET

Shisa Braai and Grill Cleaner

Product Type: Heavy-Duty Degreaser and Grill Cleaner

Product Name: Shisa Braai and Grill Cleaner

Version: 1.0

Date: 17 September 2026

SECTION 1: IDENTIFICATION OF THE PRODUCT AND SUPPLIER

Product Name: Shisa Braai and Grill Cleaner

Product Type: Heavy-duty alkaline degreasing and carbon-removal cleaner

Recommended Use: Removal of burnt-on grease, carbon deposits, baked-on food and stubborn residues from braai grids, grills, ovens and cooking equipment.

Intended Users: Domestic, commercial, catering, hospitality and professional cleaning users.

Suitable Applications:

- Braai/barbecue grids and plates
- Oven racks and trays
- Gas braais
- Charcoal braais
- Rotisseries
- Smokers
- Grills
- Kitchen extractor filters
- Cast iron cooking surfaces
- Stainless steel cooking surfaces



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thulekafactory@gmail.com



50 robyn street,
Jukskeipark



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SECTION 2: HAZARD IDENTIFICATION

Product Classification

Shisa Braai and Grill Cleaner is a heavy-duty, water-soluble alkaline degreasing formulation with a reported pH of **11.5–13.0**.

Due to its strongly alkaline nature, the concentrated product may cause serious eye irritation or damage and skin irritation, depending on the final formulation.

Potential Hazards

- Concentrated product may cause significant eye irritation or injury.
- May cause skin irritation with direct or prolonged contact.
- Spray mist may irritate the respiratory tract.
- Accidental ingestion may cause irritation or discomfort of the mouth, throat and digestive tract.
- Spilled product may create slippery surfaces.
- May damage sensitive surfaces, particularly aluminium and painted surfaces.
- Product should only be applied to surfaces that are cool and suitable for alkaline cleaners.
- Residual product must be thoroughly rinsed from cooking equipment before use.

Precautionary Measures

- Avoid contact with eyes and skin.
- Wear suitable gloves and eye protection during use.
- Avoid breathing spray mist.
- Use in a well-ventilated area.
- Do not mix with other household cleaners or acids.
- Do not apply to hot surfaces.
- Do not use on aluminium or painted surfaces.
- Rinse cooking surfaces thoroughly with clean water before use.
- Keep container tightly closed.
- Keep out of reach of children.

Signal Word: To be confirmed following final GHS classification.

Hazard Pictograms: To be confirmed following final formulation assessment.



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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Shisa Braai and Grill Cleaner is a water-based alkaline cleaning and degreasing formulation.

Typical formulation components may include:

- Water
- Alkaline builders
- Alkaline cleaning agents
- Degreasing surfactants
- Solvents, where applicable
- Sequestrants/chelating agents
- Fragrance or odour-masking agents
- Preservatives/stabilisers
- Colourant, where applicable

Exact chemical names, concentrations and CAS numbers: To be confirmed from the final manufacturing formulation.



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SECTION 4: FIRST-AID MEASURES

Eye Contact

Immediately flush the eyes with clean running water for **at least 15 minutes**. Remove contact lenses if present and easy to do. Continue rinsing. Seek **immediate medical attention** if irritation, pain or visual discomfort persists.

Skin Contact

Immediately rinse the affected skin thoroughly with plenty of water. Remove contaminated clothing where necessary. Wash with soap and water after thorough rinsing. Seek medical attention if irritation persists.

Inhalation

Move the affected person to fresh air. Keep them comfortable and monitor for symptoms. Seek medical attention if coughing, irritation, breathing difficulty or other discomfort persists.

Ingestion

Do not induce vomiting. Rinse the mouth thoroughly with water. Do not give anything by mouth to an unconscious person. Seek **immediate medical attention**.

Most Important Symptoms

- Eye irritation or injury
- Skin irritation
- Burning or discomfort following direct contact
- Respiratory irritation from concentrated spray mist
- Mouth, throat or gastrointestinal irritation following ingestion



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SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing media appropriate for the surrounding fire, including:

- Dry chemical
- Carbon dioxide
- Foam
- Water spray

Specific Hazards

The product is primarily water-based and is **not expected to be highly flammable under normal conditions.**

Heating or combustion of the product or its packaging may produce irritating fumes or gases.

Protective Equipment for Firefighters

Firefighters should wear suitable protective clothing and respiratory protection where necessary, particularly in enclosed areas or where decomposition products may be present.



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SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions

- Avoid contact with eyes and skin.
- Wear protective gloves and eye protection.
- Avoid breathing spray mist.
- Ensure adequate ventilation.
- Keep unnecessary personnel away from the spill.
- Take care because spilled product may create slippery surfaces.

Environmental Precautions

Prevent large quantities from entering stormwater drains, rivers, dams or other natural waterways.

Spill Containment and Cleaning

- Stop the source of the spill where it is safe to do so.
- Ventilate the affected area.
- Wear suitable gloves and eye protection.
- Contain the spill to prevent spreading.
- Absorb using a suitable inert absorbent material.
- Collect contaminated absorbent material into an appropriate container.
- Wash the affected surface thoroughly with water after the bulk product has been removed.
- Dispose of collected waste according to applicable local requirements.



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SECTION 7: HANDLING AND STORAGE

Safe Handling

- Use only according to the product directions.
- Ensure the surface is cool before application.
- Avoid contact with eyes and skin.
- Wear suitable protective gloves and eye protection.
- Avoid breathing spray mist.
- Use in a well-ventilated area.
- Do not mix with acids or other household cleaning chemicals.
- Do not apply to aluminium or painted surfaces.
- Do not allow concentrated product to remain on surfaces longer than necessary.
- Rinse cooking equipment thoroughly with clean water before use.
- Wash hands after handling.

Storage Conditions

- Store in a cool, dry place.
- Protect from direct sunlight and excessive heat.
- Keep containers tightly sealed.
- Store in the original container where possible.
- Protect from extreme temperatures.
- Keep away from incompatible chemicals.
- Keep out of reach of children.

Incompatible Materials

- **Do not mix with acids or other household cleaning chemicals.**
- Specific incompatibilities should be confirmed from the final formulation.



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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits

Specific occupational exposure limits for the complete product have not been established based on the information supplied. Exposure limits for individual ingredients should be confirmed from the final formulation.

Engineering Controls

Provide adequate ventilation, particularly during spraying and use in enclosed areas.

Eye Protection

Chemical splash goggles or suitable safety glasses should be worn during application and bulk handling.

Hand Protection

Chemical-resistant protective gloves are recommended during handling and application.

Skin and Body Protection

Wear suitable protective clothing where prolonged or repeated contact is possible. Avoid exposing bare skin to concentrated product.

Respiratory Protection

Avoid inhalation of spray mist. Respiratory protection may be required where adequate ventilation cannot be maintained or significant mist generation occurs.

Hygiene Measures

- Wash hands thoroughly after handling.
- Avoid touching the eyes during use.
- Do not eat or drink while handling the product.
- Remove contaminated clothing where necessary.
- Wash contaminated clothing before reuse.



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Clear to slightly brown liquid
Colour	Clear to slightly brown
Odour	Mild chemical or neutral
pH (neat)	11.5 – 13.0
Viscosity at 25°C	300 – 800 cP
Density at 25°C	1.03 – 1.08 g/cm ³
Solubility	Fully water-soluble
Boiling Point	To be determined
Physical state	Liquid
Flammability	Not expected to be flammable under normal conditions
Flash point	Not determined; water-based product not expected to be highly flammable
Oxidising properties	Not expected under normal conditions; confirmation required



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SECTION 10: STABILITY AND REACTIVITY

Reactivity

The product is expected to be stable during normal handling and storage. Its strongly alkaline nature may result in reactions with incompatible acidic materials.

Chemical Stability

Stable under recommended storage conditions.

Conditions to Avoid

- Excessive heat
- Direct sunlight
- Extreme temperatures
- Contact with incompatible chemicals
- Application to hot surfaces
- Unnecessary prolonged exposure to sensitive materials

Incompatible Materials

- Avoid contact or mixing with:
 - Acids
 - Strongly reactive chemicals
 - Other household cleaning chemicals unless specifically approved
 - Materials incompatible with alkaline cleaners

Hazardous Reactions

Contact with acids or incompatible chemicals may result in heat generation or other hazardous reactions depending on the formulation.

Hazardous Decomposition Products

Thermal decomposition or combustion may produce irritating fumes or gases.



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SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

- Skin contact
- Eye contact
- Accidental ingestion
- Inhalation of spray mist

Eye Effects

The concentrated alkaline product may cause significant eye irritation or injury. Immediate and prolonged rinsing is required following eye contact.

Skin Effects

Direct or prolonged contact may cause skin irritation, particularly with concentrated product.

Inhalation

Concentrated spray or mist may irritate the nose, throat and respiratory tract.

Ingestion

Accidental ingestion may irritate the mouth, throat and gastrointestinal tract.

Chronic Effects

No specific chronic toxicity information is available for the complete finished formulation based on the information supplied. A complete toxicological assessment should be based on the individual ingredients and their concentrations.



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SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

No specific ecotoxicological data are available for the complete finished formulation.

Large quantities of concentrated product should not be released directly into waterways or natural environments.

Persistence and Degradability

No complete biodegradability data are available for the finished formulation based on the information supplied.

Bioaccumulative Potential

No specific data are available for the complete finished product.

Mobility in Soil

The product is fully soluble in water and may readily move with water following environmental release.

Environmental Precaution

Prevent uncontrolled release into:

- Rivers
- Dams
- Streams
- Stormwater systems
- Soil and other natural environments



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SECTION 13: DISPOSAL CONSIDERATIONS

Product Disposal

Dispose of unused product, residues and contaminated absorbent material in accordance with applicable local, municipal and national waste-disposal requirements.

Do not discharge concentrated product directly into drains, waterways or soil.

Container Disposal

Empty containers should be disposed of or recycled according to applicable local requirements.

Do not reuse containers for food, beverages or other unrelated purposes.

Contaminated Packaging

Packaging containing significant product residues should be treated as contaminated and disposed of responsibly.



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SECTION 14: TRANSPORT INFORMATION

- The final transport classification must be confirmed from the complete formulation and applicable transport regulations.

Transport Mode	Classification
Road	Not regulated as dangerous goods based on available information
Rail	Not regulated as dangerous goods based on available information
Sea	Not regulated as dangerous goods based on available information
Air	Not regulated as dangerous goods based on available information

Because the product has a pH of 11.5–13.0, its final transport classification should be specifically assessed against the complete formulation rather than assumed from pH alone.



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SECTION 15: REGULATORY INFORMATION

The finished product should be assessed against all applicable South African requirements relating to:

- Chemical classification and labelling
- Safety Data Sheets
- Occupational health and safety
- Hazardous chemical substances
- Consumer chemical products
- Environmental protection
- Waste management
- Transport of hazardous substances, where applicable
- Cleaning products intended for use on food-contact or cooking equipment, where applicable

Any claims relating to **hygienic cleaning or removal of contaminants from cooking equipment** should be supported by the product's intended-use data and applicable requirements.



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SECTION 16: OTHER INFORMATION

Recommended Uses

Shisa Braai and Grill Cleaner is intended for:

- Braai/barbecue grids
- Braai plates
- Oven racks
- Oven trays
- Gas braais
- Charcoal braais
- Rotisseries
- Smokers
- Grills
- Kitchen extractor filters
- Cast iron cooking surfaces
- Stainless steel cooking surfaces

Directions for Use

- Ensure the surface is cool before application.
- Spray or apply the product directly to the surface.
- Allow the product to penetrate for 5–10 minutes. Longer contact may be used for heavy build-up only where compatible with the surface.
- Scrub using a suitable scouring pad or stiff brush.
- Rinse thoroughly with clean water before the equipment is used for cooking.
- Repeat the application if necessary.

Always test the product on a small area before full application.

NOT RECOMMENDED FOR ALUMINIUM OR PAINTED SURFACES.

Important Safety Warning

WEAR PROTECTIVE GLOVES AND EYE PROTECTION DURING USE.

DO NOT MIX WITH ACIDS OR OTHER HOUSEHOLD CLEANERS.

DO NOT APPLY TO HOT SURFACES.

RINSE COOKING EQUIPMENT THOROUGHLY WITH CLEAN WATER BEFORE USE.



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