

SAFETY DATA SHEET (SDS)

SECTION 1 PRODUCT AND MANUFACTURER IDENTIFICATION

GHS Product Identifier

Product Trade Name: Sparkle E-100 (FG)
Alternative Brand Names: H240 Sparkle E-100 (FG)
Synonyms: Neutral, economical detergent, dishwasher & cleaner.
(Food Grade)

GHS Manufacture Information

Manufacturer: Chemical Techniques
12 Sophia Street
West Turffontein
Johannesburg
South Africa
Telephone Number: +2711 680 2516
Fax Number: +2711 680 2533
Emergency Contact: +2783 406 1374
Technical Contact: +2783 297 1617
E-mail: info@cemtec.co.za

GHS Product Usage Info

Recommended use: Used as an all-purpose, high foaming neutral cleaner for washing of dishes, floors, walls, glass tops, windows and all other general and light duty type cleaning applications.
Restrictions on use: No restrictions applicable if used for intended purpose / application.
Product Dilution range: Refer to TDS.

GHS Product Usage Info

Issue Date: 01 May 2023
SDS Revision: Revision 5
SDS Revision Date: 01 May 2023

GHS SDS Compliance:

SANS 10234:2019 – (GHS) Globally Harmonized System of classification and labeling of chemicals
SANS 11014 (2010) - Safety data sheet for chemical products — Content and order of sections.

Certified: SANS 1828 (FOOD GRADE)

Compliant: HACCP / ISO 22000 SYSTEMS

Additional Information:

This Safety Data Sheet (SDS) replaces the 16 point Material Safety Data Sheet (MSDS) according to **SANS 11014 (2010)** - Safety data sheet for chemical products — Content and order of sections.

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SECTION 2 HAZARD IDENTIFICATION

GHS Hazards In accordance with PHYSICAL, HEALTH and ENVIRONMENTAL HAZARDS:

GHS Classification: **Hazard** **Category/Class**

Physical Hazards: Miscellaneous Class 9

Health Hazards: Acute Toxicity (Oral) 5
Eye Irritation 2B

Environmental Hazards: N/a

GHS Labelling Elements

Hazard Pictograms:



GHS Signal Word: Warning

GHS Hazards: **H303** : May be harmful if swallowed.
H317 : May cause an allergic skin reaction.
H320 : Causes eye irritation.

GHS Precautionary Statements: **P101** : If medical advice is needed, have product container or label at hand.
P202 : Do not handle until all safety precautions have been read and understood.
P270 : Do not eat, drink or smoke when using this product.
P262 : Do not get in eyes..

GHS Response Statements: **P301+330+331+313** : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. **get medical attention.**
P305+351+338 : IF IN EYES: Rinse cautiously with water for several minutes. **get medical attention.**
P337+313 : If eye irritation persists, **get medical attention.**
P332+313 : If skin irritation occurs, **get medical attention.**

GHS Handling and Storage Precautionary Statements **P102** : Keep out of reach of children.
P103 : Read label before use.
P404+P405 : Store in a closed container. Store locked up.
P235+402+403+410 : Keep cool. Store in a dry place. Store in a well-ventilated place.
Protect from sunlight.
P281 : Use personal protective equipment as required.

GHS Disposal Precautionary Statements: **P501** : Dispose of contents/container in accordance to local, regional, national or international regulations.

Other Hazards: May cause allergic reaction on sensitive skin due to regular / frequent use without hand protection. Consider using cream for dry, cracked winter hands.

Additional Information: Do not drink / ingest, this product contains Sodium laureth sulphate.

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SECTION 3 COMPOSITION / INFORMATION OF INGREDIENTS

Physical State of Product: Liquid
 Substance / Mixture: Mixture
 Blend Type: Proprietary Blend
 (Proprietary Blend / Special Blend /
 Raw material / Other)

Ingredients contributing to hazard:

Name	Cas No:	EC No:	Content %
Sodium laureth sulphate	68585-34-2	205-788-1	> 10%
Eye irritant, 2B (H320) Aquatic chronic, IV (H402)			
Alkyl benzenesulphonic acid (neutralized)	68584-22-5	270-115-0	< 10%
Eye irritant ,2B (H320) Acute tox oral, 5 (H303)			
Sodium chloride	7647-14-5	231-598-3	< 5%
Not classified for physical or health hazards under GHS			
Pigment	Not Classified	Not Classified	< 0.1%
Not classified for physical or health hazards under GHS			
Balance : aqua + proprietary and / or other substance not classified under GHS			

Additional Information: Please note data are typical of the product and not a specification or a full composition. The risk profile may change if this product is mixed with other compounds or as a blend within other components. Revision of hazardous components based on **SANS 10234:2019**.

SECTION 4 FIRST-AID MEASURES

In case of eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, **get medical attention**.

In case of skin contact: Rinse with water.

If swallowed: Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. **Get medical attention**.

If inhaled: Remove to fresh air. Treat symptomatically. **Get medical attention** if symptoms occur.

Protection of first-aiders: If potential for exposure exists refer to **Section 8** for specific personal protective equipment.

Notes to physician: Treat symptomatically.

Delayed symptoms: None reported. Should the patient experience any delayed symptoms, immediately consult physician.

Most important symptoms and effects, both acute and delayed: **Refer to Section 11** for more detailed information on health effects and symptoms.

Additional Information: Affected person should never be left unattended. Never give anything by mouth or induce vomiting to an unconscious person. Treatment of exposure should be directed at the control of the symptoms and the clinical condition of the patient. Depending on the risk profile of the product and the patient the symptoms may re-occur and/or change over time. In that event have the patient consult a physician again.

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SECTION 5 FIREFIGHTING MEASURES

Suitable extinguishing media:	Water, dry powder or foam agent.
Unsuitable extinguishing media:	None known.
Specific hazards during firefighting:	None known.
Hazardous combustion products:	None known.
Special protective equipment for fire-fighters:	Use personal protective equipment. Refer to section 8 – Exposure Controls / Personal Protection.
Additional Information:	Collect contaminated extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Clean up method:	Dry sand. Discharge in accordance with local regulations. FOR SMALL LIQUID SPILLS (< 1 drum), transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Allow residues to evaporate or soak up with an appropriate absorbent material and dispose of safely. Remove contaminated soil and dispose of safely. FOR LARGE LIQUID SPILLS (> 1 drum), transfer by mechanical means such as vacuum truck to a salvage tank for recovery or safe disposal. Do not flush away residues with water. Retain as contaminated waste. Allow residues to evaporate or soak up with an appropriate absorbent material; and dispose of safely. Remove contaminated soil and dispose of safely.
Environmental precaution:	Do not discharge large undiluted or un-treated volumes into sewers or aquatic environment.
Personal precautions and protective equipment and emergency procedures:	No additional PPE specified, Refer to Section 8 - GHS personal protective equipment . Site emergency procedure and evacuation plan as implemented to be followed. Ensure compliance as directed by safety officer / marshals. Adhere to local government regulations.
Additional Information:	In the event of an accidental release or uncontrolled spillage, consult a licensed/certified waste management company.

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SECTION 7 HANDLING & STORAGE

GHS Handling and storage measures:

P102 : Keep out of reach of children.
P103 : Read label before use.
P404+P405 : Store in a closed container. Store locked up.
P235+402+403+410 : Keep cool. Store in a dry place. Store in a well-ventilated place. Protect from sunlight.
P281 : Use personal protective equipment as required.

Incompatibilities: None known.

Additional Information: Only trained and competent users should store and handle this product. Do not remove label. Un-ideal storage conditions may affect product characteristics, shelf life & performance.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients with workplace control parameters:

None specified.

Engineering measures:

None specified.

Personal protective equipment:

Goggles.

GHS Personal protective equipment pictograms:



Additional Information:

Only trained and competent users should store and handle this product.

User should be informed of any additional requirements as set out in the company's Health & Safety Policy, including but not limited to Standard Operating Procedures when using this product.

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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

<p>Appearance: Viscous liquid Color: Green Odor / Smell: Detergent soap Other characteristics: Clouding may occur if stored on cold surface. PH as supplied: 6.5 – 7.5 PH @ 1% v/water: 6.5 - 7.5 Boiling Point range °C: > 100 Melting Point Range °C: N/a Viscosity @ 25 °C CPS: 825 cps (Spindle 2, speed 12) Flashpoint °C: N/a Auto Ignition Temp °C: N/a Explosion limits in air %: Not tested Vapor pressure @ 20 °C: Not tested Relative Density - (SG/SD): 1.00 – 1.05 Soluble in water: Yes Soluble in other: N/a Decomposition Temp: Not tested</p> <p>Comments: When stored directly on a cold surface, clouding “white-haze” may appear at the bottom of the container, this will clear once the solution temperature has increased pass the cloud point.</p> <p>Additional Information: This data is typical for the product and not a specification.</p>	
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SECTION 10 STABILITY AND REACTIVITY

<p>Chemical Stability: Stable under normal cool conditions.</p> <p>Possibility of a hazardous reaction: None known.</p> <p>Conditions to avoid: None known.</p> <p>Incompatible materials: None known.</p> <p>Hazardous decomposition products: None known.</p> <p>Additional Information: N/a.</p>	
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SECTION 11 TOXICOLOGICAL INFORMATION / HEALTH EFFECTS

Inhalation: None.
Skin contact: None. May cause an allergic skin reaction.
Eye contact: Red eye, irritation, itchy, discomfort, pain.
Ingestion: Stomach cramping, discomfort / pain including nausea, vomiting or diarrhea.

Likely routes of exposure: Eye contact, Ingestion, Skin contact, Inhalation.

Immediate and specific effects including symptoms: Burning eyes / Abdominal discomfort / pain, nausea, vomiting or diarrhea. In case of ingestion seek medical attention and monitor patient for any additional symptoms.

Delayed effects: None reported.

Chronic effects from short and long term exposure: None reported.

Numerical measurement of toxicity: Lethal Dose (LD50) / Lethal Concentrate (LC50) not tested or verified. No animal testing conducted on this product.

Additional Information: Should the patient experience any delayed symptoms, immediately consult physician.

SECTION 12 ECOLOGICAL INFORMATION

Biodegradability: Contains readily biodegradable ingredients. Full scale extended biodegradation tests not conducted.

Eco toxicity: Non-toxic.

Bio accumulative potential: Not likely.

Mobility in soil: Not tested.

Other adverse effects: None experienced or reported.

Additional Information: Do not discharge large undiluted or un-treated volumes into sewers or aquatic environment.

SECTION 13 DISPOSAL CONSIDERATION

GHS Disposal Measures: In accordance with local regulations. In the event that disposal of material is conducted by a third party please ensure that the service provider is authorized and reputable. Please contact the manufacturer for additional information if required.

Material Disposal: Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations.

Container Disposal: Drain container thoroughly. After draining, vent in a safe place away from sparks and fire. Refer to Section 7 before handling the product or containers. Residues may cause an additional hazard. Do not puncture, cut or weld unclean drums. Send to drum recoverer or metal reclaimer.

Local Legislation: Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with.

Additional Information: N/a

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SECTION 14 TRANSPORT INFORMATION

UN Number: N/a

Proper Shipping Name: None allocated

Hazard Class: 9

Packing Group: III

Transport Hazard Pictogram:



Hazard Description: Low hazard – Will cause slippery spill

Main Hazardous Compound: Sodium laureth sulphate

Marine Pollutant: No – Refer to **Section 12 – Ecological Information.**

Blend Type: Proprietary Blend
(Proprietary Blend / Special Blend / Raw material / Other)

Reference: Transport of dangerous goods declaration.

Classification Information: Shipping and transporting of hazardous chemical(s) by road, air, rail, or sea.

UN Number	Name	Cas No	Caution	Class	Packing Group
N/a	Sodium laureth sulphate	68585-34-2	Slippery spill	9	III
N/a	Sodium laureth sulphate	68585-34-2	Slippery spill	9	III
N/a	Sodium laureth sulphate	68585-34-2	Slippery spill	9	III
N/a	Sodium laureth sulphate	68585-34-2	Slippery spill	9	III

Special Precautions: N/a – Refer to **Section 7 – Handling and Storage.**

Additional Information: Liquid propriety blend, may cause slippery spill.

Transportation - In accordance to applicable regional, national, and local laws and regulations below:

- National Road Traffic Act 93 of 1996 and its amendments.
- SANS 10231 – Transportation of Dangerous Goods – Operational Requirements.
- SANS 10232.1 – Transportation of Dangerous Goods – Emergency Information Systems : Part 1 Emergency Information System for Road Transportation.

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SECTION 15 REGULATORY INFORMATION

OHS Act:	Occupational Health and Safety Act, 85 of 1993 as amended: Globally Harmonized System (GHS) for classification and labelling of hazardous chemical, implementation.
GHS Classification and Labelling Specification:	SANS 10234-A (2008) – List of classification and labelling of chemicals in accordance with the Globally Harmonized System.
GHS SDS Content:	SANS 11014:2010 - Safety data sheet for chemical products - Content and order of sections.
Safety Regulations:	As per local government regulations / National OHS compliance also Refer to Section 2 / Section 11.
Health Regulations:	As per local government regulations / National OHS compliance also Refer to Section 2 / Section 11.
Environmental Regulations:	As per local government regulations / National OHS compliance also Refer to Section 12 / Section 13.
Additional Information:	Product to be used in accordance with local government regulations in compliance with the Occupational health and safety act. Additional risk assessments may be conducted as and when required.

SECTION 16 OTHER INFORMATION

General info:	Personnel using this product must be trained and advised on the best, safest and most effective means of application.
GHS Technical Data Sheet:	Refer to Sparkle E-100 (FG) Technical Data Sheet for usage instructions.
GHS Label Information:	Refer to Sparkle E-100 (FG) Label for GHS label information.
GHS Safety Data Sheet (SDS) Control Information	
Issue Date:	01 May 2023
SDS Revision:	Revision 5
SDS Revision Date:	01 May 2023
GHS SDS Compliance:	SANS 10234:2019 – (GHS) Globally Harmonized System of classification and labeling of chemicals. SANS 11014 (2010) - Safety data sheet for chemical products — Content and order of sections.
Prepared and approved by:	Riaan Dippenaar
Company:	Chemical Techniques
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