GEARTH

SAFETY DATA SHEET

FloorShield 15

GHS REV 10

1 Identification

Product identifier	FloorShield 15
Other means of identification	No data available
Recommended use	Eco-friendly liquid floor polish for sealing and glazing (15% activity level).
Restrictions on use	No data available
Supplier	GEARTH (Pty) Ltd, 96 Lazy River Road, Centurion 0157, Gauteng, South Africa
Telephone	012 004 8183 | info@gearth.co.za
Emergency telephone number	**066 214 2274 (24 hours)**

2 Hazards identification

2.1 Classification of the substance or mixture

GHS classification	Not classified under GHS Rev 10 by the source data. Source assessment: not considered hazardous at the relevant component levels; supply label Irritant (R36, irritating to eyes).

2.2 Label elements

Hazard pictograms	No data available
Signal word	No data available
Hazard statements	No data available
Precautionary — prevention	Avoid contact with eyes; wear goggles (source S25).
Precautionary — response	No data available
Precautionary — storage	No data available
Precautionary — disposal	No data available

2.3 Other hazards

OTHER HAZARDS DISCLOSURE

No data available

3 Composition / information on ingredients

Ingredient	CAS no.	EC no.	Conc. % (w/w)	Classification
No data available	No data available	No data available	No data available	No data available
Total			**100**	

Exact composition percentages are withheld as a trade secret in accordance with the HCA Regulations, 2021. The classification of withheld components is reflected above.

4 First-aid measures

4.1 Description of first-aid measures

Inhalation	Not applicable per source.
Skin contact	Wash thoroughly with soap and water.
Eye contact	Wash thoroughly for 15 minutes.
Ingestion	Not applicable per source.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects	Eyes: avoid contact — burning may result. Ingestion: nausea.

4.3 Indication of any immediate medical attention and special treatment needed

Medical attention	Treat symptomatically.

5 Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media	Carbon dioxide / dry regular foam.
Unsuitable extinguishing media	No data available

5.2 Special hazards arising from the substance or mixture

Specific hazards / hazardous combustion products	None identified by source data.

5.3 Advice for firefighters

Protective equipment for firefighters	No special clothing (source data).

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures	Minimise skin contact.
Environmental precautions	Not considered hazardous (source data).
Methods and material for containment and cleaning up	Use sand to absorb small and large spills.

7 Handling and storage

7.1 Precautions for safe handling

Safe handling	Keep containers tightly closed.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions	Keep containers tightly closed.
Packaging	5 L and 25 L polyethylene polycans.
Shelf life	No data available
Incompatibilities	No data available

8 Exposure controls / personal protection

8.1 Control parameters — occupational exposure limits

Substance	OEL type	Value	Source
Product as supplied	Source-stated exposure limit	>10 000 ppm (source data; basis not stated)	HCA Regs 2021 Annexure 2

8.2 Appropriate engineering controls

Engineering controls	Ventilate.

8.3 Individual protection measures

Eye / face protection	Prevent eye contact.
Skin / hand protection	None necessary (source data). Glove material: No data available; breakthrough time: No data available
Respiratory protection	No data available Filter type: Not applicable
Thermal hazards	No data available

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Liquid (emulsion)
Colour	Milky off-white
Odour	Similar to wood glue — very faint
Melting point / freezing point	Not known (source data)
Boiling point or initial boiling point and boiling range	Not known (source data)
Flammability	Not considered flammable; auto-flammability nil
Lower and upper explosion limit / flammability limit	No data available
Flash point	Not applicable per source
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH (concentration and temperature stated)	8.5 at 20 °C (concentration not stated in source data)
Kinematic viscosity	No data available
Solubility	No data available
Partition coefficient n-octanol/water (log Kow)	No data available
Vapour pressure	Very low (source data)
Density and/or relative density	0.97 – 1.01 g/cm³
Relative vapour density	No data available
Particle characteristics	Not applicable

9.2 Other information

Explosive properties	Nil (source data)
Oxidising properties	Nil (source data)
Bulk density	No data available
Active solids	No data available

10 Stability and reactivity

Reactivity	No data available
Chemical stability	No data available
Possibility of hazardous reactions	No data available
Conditions to avoid	High temperatures.
Incompatible materials	None (source data).
Hazardous decomposition products	Organic acids, CO.

11 Toxicological information

Likely routes of exposure	Eye and skin contact; ingestion.
Symptoms related to exposure	Slight irritant on skin and eye contact; nausea if ingested.
Delayed and chronic effects	Nil (source data).

Numerical measures of toxicity

Endpoint	Species	Route	Value
No data available	No data available	No data available	No data available

Source states acute toxicity nil; no numerical values reported.

Acute toxicity — dermal	No data available
Acute toxicity — inhalation	No data available
Skin corrosion / irritation	Slight irritant (source data; not classified).
Serious eye damage / irritation	Slight irritant (source data; not classified).
Respiratory sensitisation	No data available
Skin sensitisation	No data available
Germ cell mutagenicity	Nil (source data).
Carcinogenicity	Nil (source data).
Reproductive toxicity	Nil (source data).
STOT — single exposure	No data available
STOT — repeated exposure	No data available
Aspiration hazard	No data available

12 Ecological information

Aquatic toxicity

Species	Endpoint	Value	Duration
Fish	Acute toxicity	Nil (source statement)	No data available
Daphnia	Acute toxicity	Nil (source statement)	No data available
Algae	Acute toxicity	Nil (source statement)	No data available

Source reports qualitative statements only; no numerical endpoints, test methods or durations given.

Persistence and degradability — method	28-day biodegradability (method not stated in source data)
Persistence and degradability — result	>95% biodegradable in 28 days (source data).
Bioaccumulative potential	No (source statement).
Mobility in soil	No data available
Other adverse effects	No data available

13 Disposal considerations

Waste residues	Collect up spillages with inert material. Avoid spilling large quantities directly into natural waterways and storm run-off areas.
Disposal methods	Collect with inert material and dispose of via local regulations.
Contaminated packaging	Recycle — do not reuse for water-bearing purposes.
Waste classification (NEM:WA 59 of 2008, GN R635)	No data available

14 Transport information

Mode	UN no.	Proper shipping name	Class	PG
Road (SANS 10228 / ADR)	Not applicable	Not regulated	Not applicable	Not applicable
Rail (RID)	Not applicable	Not regulated	Not applicable	Not applicable
Sea (IMDG)	Not applicable	Not regulated	Not applicable	Not applicable
Air (IATA)	Not applicable	Not regulated	Not applicable	Not applicable

Marine pollutant	No data available
Transport in bulk (IMO instruments)	Not applicable
Special precautions for user	Transport as part of a multi-load. Emergency response group 111 (source data).

15 Regulatory information

Safety, health and environmental regulations specific to the product	Occupational Health and Safety Act 85 of 1993; Regulations for Hazardous Chemical Agents, 2021; NEM:WA 59 of 2008; None identified
NRCS VC 8054 status	No data available
Ecolabel certification	No data available
Chemical safety assessment	No data available

16 Other information

Date of preparation	18 August 2026
Latest revision	Rev 1.0, 18 August 2026
Summary of changes	First GEARTH issue (Rev 1.0). Safety content transferred unchanged from the source manufacturer's MSDS (dated 12 December 2020; source sheet covers all activity levels); no data re-tested or re-derived.
Full text of hazard (H) statements	No data available
Full text of precautionary (P) statements	S25 Avoid contact with eyes. Wear goggles.
Key to abbreviations	GHS — Globally Harmonized System; OEL — occupational exposure limit; STOT — specific target organ toxicity; PG — packing group; SG — specific gravity; CAS — Chemical Abstracts Service; HCA — hazardous chemical agents.
Classification method	Hazard information carried over from the source manufacturer's assessment (pre-GHS format). Classification against UN GHS Rev 10 criteria to be confirmed.
Training advice	Use only according to the instructions for use. Personnel handling the concentrate should be familiar with the first-aid and spill measures in Sections 4 and 6.
Disclaimer	This information is based on present knowledge and describes the product for the purposes of health, safety and environmental requirements only. It does not constitute a guarantee of the properties of the product. Final determination of suitability for any use is the sole responsibility of the user.

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SIGN-OFF

Prepared by	GEARTH (Pty) Ltd
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