

SAFETY DATA SHEET

In accordance with UN GHS latest edition

Product: Tekstat ESD Floor Cleaner FC 4500

Version: 1

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: Tekstat ESD Floor Cleaner FC 4500

Other identifiers: None

1.2 Relevant identified uses of the substance or mixture and uses advised against

Product uses: Antistatic floor cleaner

1.3 Details of the supplier of the safety data sheet

Company name: Teknis Ltd

Company address: Unit 5, Valley Farm Estate
Station Road
Meldreth
Herts
SG8 6JP

Contact: Davina Biswell

E-Mail address: davina@teknis.co.uk

Company phone: + 44 (0) 1763 261690

1.4 Emergency telephone number

Emergency phone: + 44 (0) 1763 261690

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Class and category of danger: Acute Toxicity - Oral Category 4
Skin Corrosion / Irritation Category 2
Eye Damage / Irritation Category 2
Aspiration Hazard Category 2
Hazardous to the Aquatic Environment - Long-term Hazard Category 4
H302, Harmful if swallowed.
H305, May be harmful if swallowed and enters airways.
H315, Causes skin irritation.
H319, Causes serious eye irritation.
H413, May cause long lasting harmful effects to aquatic life.

2.2 Label elements

Signal word: Warning

Hazard statements: H302, Harmful if swallowed.
H305, May be harmful if swallowed and enters airways.

SAFETY DATA SHEET

In accordance with UN GHS latest edition

Product: Tekstat ESD Floor Cleaner FC 4500

Version: 1

H315, Causes skin irritation.
 H319, Causes serious eye irritation.
 H413, May cause long lasting harmful effects to aquatic life.

Precautionary statements:

P264, Wash hands and other contacted skin thoroughly after handling.
 P270, Do not eat, drink or smoke when using this product.
 P273, Avoid release to the environment.
 P280, Wear protective gloves/eye protection/face protection.
 P301/310, IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P302/352, IF ON SKIN: Wash with plenty of soap and water.
 P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P330, Rinse mouth.
 P331, Do not induce vomiting.
 P332/313, If skin irritation occurs: Get medical advice/attention.
 P337/313, If eye irritation persists: Get medical advice/attention.
 P362, Take off contaminated clothing and wash before reuse.
 P405, Store locked up.
 P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

Pictograms:



Other hazards: None

Section 3. Composition / information on ingredients

3.2 Mixtures

Contains:

Name	CAS	EC	%	GHS Classification
TEK FC 4500			50-100%	ATO 4-SCI 2-EDI 2-AH 2-EH C4;H302-H305-H315-H319-H413

Substances with Community workplace exposure limits, not listed above:

Not Applicable

SAFETY DATA SHEET

In accordance with UN GHS latest edition

Product: Tekstat ESD Floor Cleaner FC 4500

Version: 1

Section 4. First-aid measures

4.1 Description of first aid measures

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

4.2 Most important symptoms and effects, both acute and delayed

Harmful if swallowed.

May be harmful if swallowed and enters airways.

Causes skin irritation.

Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

SAFETY DATA SHEET

In accordance with UN GHS latest edition

Product: Tekstat ESD Floor Cleaner FC 4500

Version: 1

6.4 Reference to other sections:

Also refer to sections 8 and 13.

Section 7. Handling and storage

7.1 Precautions for safe handling:

Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

7.3 Specific end use(s):

Antistatic product: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits: Not Applicable

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Yellow liquid
Odour:	No odor
pH:	7.0 – 7.5
Initial boiling point / range:	100°C / 212°F
Flash point:	> 94 °C
Vapour pressure:	Not determined

SAFETY DATA SHEET

In accordance with UN GHS latest edition

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Version: 1

Relative density: Not determined

Solubility(ies): Completely soluble in water

9.2 Other information: None available

Section 10. Stability and reactivity

10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability:

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

Section 11. Toxicological information

11.1 Information on toxicological effects

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in UN GHS.

Harmful if swallowed.

May be harmful if swallowed and enters airways.

Causes skin irritation.

Causes serious eye irritation.

Assumed Toxicity Value (LD50 or ATE) for Acute Oral Toxicity: 500

Assumed Toxicity Value (LD50 or ATE) for Acute Dermal Toxicity: Not Applicable

Assumed Toxicity Value (LC50 or ATE) for Acute Inhalation Toxicity: Not Available

Inhalation Route: Not Available

Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
TEK FC 4500			500	Not available	Not available	Not available

SAFETY DATA SHEET

In accordance with UN GHS latest edition

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Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1 Toxicity:

May cause long lasting harmful effects to aquatic life.

12.2 Persistence and degradability: Not available

12.3 Bioaccumulative potential: Not available

12.4 Mobility in soil: Not available

12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects: Not available

Section 13. Disposal considerations

13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

14.1 UN number: Not classified

14.2 UN Proper Shipping Name: -

14.3 Transport hazard class(es): Not classified

Sub Risk: Not classified

14.4. Packing Group: Not classified

14.5 Environmental hazards: Not environmentally hazardous for transport

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not classified

Section 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

None additional

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

SAFETY DATA SHEET

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Section 16. Other information

Concentration % Limits: EH C4=25.00% SCI 2=10.00% SCI 3=1.00000000% EDI 2A=10.00% AH 2=10.00%

Total Fractional Values: EH C4=4.00 SCI 2=10.00 SCI 3=100.00 EDI 2A=10.00 AH 2=10.00

Key to revisions:

Not applicable

Key to abbreviations:

Abbreviation	Meaning
AH 2	Aspiration Hazard Category 2
ATO 4	Acute Toxicity - Oral Category 4
EDI 2	Eye Damage / Irritation Category 2
EH C4	Hazardous to the Aquatic Environment - Long-term Hazard Category 4
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P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
SCI 2	Skin Corrosion / Irritation Category 2

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.