

SAFETY DATA SHEET

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F5 FRESH - SUPER CONCENTRATE TOILET CLEANER & DESCALER Data Sheet No. EV9/WH

Revision 0
Revision date

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name F5 FRESH - SUPER CONCENTRATE TOILET CLEANER & DESCALER
Data Sheet No. EV9/WH

Company Winterhalter Limited
Winterhalter House
Roebuck Way
Knowlhill
Milton Keynes
MK5 8WH

2 HAZARDS IDENTIFICATION.

Main hazards Causes burns.

3 . COMPOSITION / INFORMATION ON INGREDIENTS.

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Isopropanol (Propan-2-ol)	1-10%	67-63-0	200-661-7	F; R11 Xi; R36 R67
Bis (2-hydroxyethyl) oleylamine	10-20%	25307-17-9	246-807-3	C; R34 Xn; R22 N; R50
Citric Acid	10-20%	5949-29-1	201-069-1	Xi; R36

4. FIRST AID MEASURES

Skin contact Causes burns. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Eye contact Causes burns. Causes severe inflammation and may damage the cornea. Seek medical attention.

Ingestion Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

5. FIRE FIGHTING MEASURES

Extinguishing media Use as appropriate: carbon dioxide (CO2), dry chemical, foam.

Fire hazards Corrosive. Burning produces irritating, toxic and obnoxious fumes.

Protective equipment Wear suitable respiratory equipment when necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Evacuate personnel to a safe area. Wear suitable protective equipment.

Environmental precautions Do not allow product to enter drains. Prevent further spillage if safe.

Clean up methods Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

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7. HANDLING AND STORAGE

Handling Avoid contact with eyes and skin.
Storage Keep containers tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Isopropanol
(Propan-2-ol)

WEL 8-hr limit ppm: 400
WEL 15 min limit ppm: 500

WEL 8-hr limit mg/m3: 999
WEL 15 min limit mg/m3: 1250

Hand protection Chemical resistant gloves (PVC)

Eye protection In case of splashing, wear: Safety glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description Liquid.
Colour Blue.
Odour Pleasant.
Boiling point 100°C

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions.
Conditions to avoid Heat. Direct sunlight. Do NOT allow to freeze.

11. TOXICOLOGICAL INFORMATION

Toxicological information See section 2/3 for further information.
Corrosivity Causes burns.

12. ECOLOGICAL INFORMATION

Further information Do not flush into surface water.

13. DISPOSAL CONSIDERATIONS

General information Dispose of in compliance with all local and national regulations.

14. TRANSPORT INFORMATION

ADR/RID

Proper Shipping AMINES, LIQUID, CORROSIVE **UN 2735**
Name N.O.S, .
Packing group III **Class 8**
Hazard ID 80

IMDG

Class 8 **Marine pollutant** .
EmS Code F-A S-B **UN 2735**
Packing group III

IATA

UN 2735 **Packing group** III
Class 8 **Subsidiary risk** -
Packing Instruction 820 **Maximum quantity** 60 L
(Cargo)
Packing Instruction 818 **Maximum quantity** 5 L
(Passenger)

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15. REGULATORY INFORMATION

Labelling	The product is classified in accordance with 67/548/EEC.
Symbols	C - Corrosive 
Risk phrases	R34 - Causes burns.
Safety phrases	S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 - After contact with skin, wash immediately with plenty of []. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection. S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

16. OTHER INFORMATION

Text of risk phrases in Section 3.	R11 - Highly flammable. R22 - Harmful if swallowed. R34 - Causes burns. R36 - Irritating to eyes. R50 - Very toxic to aquatic organisms. R67 - Vapours may cause drowsiness and dizziness.
Further information	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.