

**Toughbuster Fabfresh
- Original
Safety Data Sheet**

1. Identification of the substance/ mixture and of the company/undertaking

- 1.1 Product: Toughbuster Fabfresh –Original
 1.2 Use of the preparation: An Aqueous based room & fabric deodorizing spray
 1.3 Company: MPM Consumer Products Ltd
 33 Croft Street
 Clayton
 Manchester
 M11 4RQ
 Tel: (0161)2316111 Fax: (0161)231 7100
 www.mpmconsumerproducts.com
 1.4 Emergency Telephone: (0161) 231 6111 (office hours only)

2. Hazards Identification

2.1 Classification of the substance or mixture
Classification

Physical Hazards:- Not Classified

Health Hazards:- Not Classified
 Elicitation – EUH 208

Environmental Hazards- Not Classified

2.2 Label elements
 Pictogram

Signal word n/a

Hazard statements
 EUH208 Contains Methylchloroisothiazolinone ,Methylisothiazolinone. May produce an allergic reaction

Precautionary statements
 P102 Keep out of reach of children
 P264 Wash exposed skin thoroughly after handling
 P332 + P313 If skin irritation occurs: Get medical advice/ attention
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337 + P313 If eye irritation persists: Get medical advice/ attention
 P501 Dispose of contents/container in accordance with local requirements for domestic waste disposal

Detergent labelling < 5% Non-ionic surfactants. Also contains: Perfume, Methylchloroisothiazolinone , Methylisothiazolinone

2.3 Other hazards
 This product does not contain any substances classified as PBT or vPvB

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3. Composition/ Information on Ingredients

3.2 Mixtures

Alcohol Ethoxylate with 9MEO CAS no: 68439-45-2	0.1-<0.5%
Classification Acute Tox. 4- H302 Eye Dam. 1: H318	Classification (67/548/EEC or 1999/45/EC) Xn: R22; Xi: R41

Mixture of 5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one CAS no: 55965-84-9 EC no: 611-341-5 M factor (Acute)=1	<0.025%
Classification Acute Tox. 3 – H301 Acute Tox. 3 – H311 Acute Tox 3 – H331 Skin Corr 1B – H314 Aquatic Acute 1 – H400 Aquatic Chronic 1 – H410 Skin Sens. 1A – H317	Classification (67/548/EEC or 1999/45/EC) T: R23/R24/25, C: R34, Xi: R43, NR50/53

The full text for all R- Phrases and Hazard Statements are Displayed in section 16

4. First Aid Measures

4.1. Description of first aid measures

- Inhalation:** Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
- Ingestion:** Rinse mouth out with water and drink copious amounts of water. Do not induce vomiting. If symptoms persist seek medical advice.
- Skin contact:** Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.
- Eye contact:** Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

- Inhalation:** Not expected to be irritating to the respiratory system. Not volatile therefore limited inhalation exposure anticipated
- Ingestion:** May cause mild stomach upset
- Skin contact:** May cause skin sensitisation or allergic reactions in sensitive individuals
- Eye contact:** May cause severe irritation to eyes.

4.3. Indication of any immediate medical attention and special treatment needed

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

5. Fire Fighting Measures

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5.1. Extinguishing media

Extinguishing media : Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire

5.2. Special hazards arising from the substance or mixture

Specific hazards: No specific firefighting precautions applicable when small quantities are involved in the fire

Hazardous combustion products: Carbon dioxide (CO₂). Carbon monoxide (CO). Nitrous gases(NO_x). Oxides of sulphur

5.3. Advice for firefighters

Protective equipment for fire-firefighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : Take care as floors and other surfaces may become slippery.

6.2. Environmental precautions

Environmental precautions: Large Spillages - Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Take care as floors and other surfaces may become slippery. Large Spillages: Absorb spillage with suitable absorbent material. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

6.4. Reference to other sections

Reference to other sections: See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

7. Handling and Storage

7.1. Precautions for safe handling

Usage precautions: Read and follow manufacturer's recommendations on label. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use.

Advice on general occupational hygiene: Remove contaminated clothing and protective equipment before entering eating areas. Wash at the end of each work shift and before eating, smoking and using the toilet.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions : Store in tightly-closed, original container. Store upright in a cool , safe place away from direct sunlight.

7.3. Specific end use(s)

Specific end use(s): As stated in Section 1.2.

8. Exposure controls/ Personal Protection

8.1. Control parameters

Occupational exposure limits

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No exposure limits known for ingredients

8.2. Exposure controls

Appropriate engineering

Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

For users with sensitive skin, it is recommended that suitable protective gloves are worn.

Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures

When using do not eat, drink or smoke. Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

Environmental exposure controls

Keep container tightly sealed when not in use. Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance:	Clear – slightly hazy liquid.
Colour:	Colourless
Odour:	Characteristic.
Odour Threshold :	Not available.
pH:	6.0 – 8.0
Melting point :	~0°C
Initial boiling point and range :	102°C
Flash point:	Not available.
Evaporation rate:	Not available.
Evaporation factor:	Not available.
Flammability (solid, gas):	The product is not flammable.
Upper/lower flammability or explosive limits:	Not available.
Vapour pressure :	Not available.
Vapour density:	Not available.
Relative density:	0.99-1.03 @ 20°C
Bulk density:	Not available.
Solubility(ies):	Soluble in water.
Partition coefficient :	Not available.
Auto-ignition temperature:	Not available.
Decomposition Temperature:	Not available.
Viscosity:	Not available.
Explosive properties:	Not considered to be explosive.
Oxidising properties:	Does not meet the criteria for classification as oxidising.

9.2 Other Information

Other Information : No information required

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10. Stability and Reactivity

10.1. Reactivity

See the other subsections of this section for further details.

10.2. Chemical stability

Stability: Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials to avoid: No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Does not decompose when used and stored as recommended.

11. Toxicological Information

11.1. Information on toxicological effects

Acute toxicity - oral

Based on available data the classification criteria are not met.

Acute toxicity - dermal

Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal data

Based on available data the classification criteria are not met.

Serious eye damage/ irritation

Causes serious eye irritation

Respiratory sensitisation

Based on available data the classification criteria are not met.

Skin sensitisation

May cause skin sensitisation or allergic reactions in sensitive individuals

Germ cell mutagenicity

Genotoxicity - in vitro

Based on available data the classification criteria are not met.

Carcinogenicity

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Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility

Based on available data the classification criteria are not met.

Reproductive toxicity - development

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure

Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

Based on available data the classification criteria are not met.

Toxicological information on ingredients.

Alcohol Ethoxylate with 9MEO

Acute toxicity - oral

Acute toxicity oral (LD50 mg/kg) >300<2000

Species Rat

Raw material suppliers' information. Harmful if swallowed.

ATE oral (mg/kg) >300<2000

Acute toxicity - dermal

Acute toxicity dermal (LD50 mg/kg) >2000 Based on available data the classification criteria are not met

Species Rat

Quaternary ammonium compounds, benzyl-C12-14 (even numbered)-alkyldimethyl, chlorides

Acute toxicity - oral

Acute toxicity oral (LD50 mg/kg) 397.5

Species Rat

Raw material suppliers' information. Harmful if swallowed.

ATE oral (mg/kg) 397.5

Acute toxicity - dermal

Acute toxicity dermal (LD50 mg/kg) 3412.0

Species Rabbit

Raw material suppliers' information. Based on available data the classification criteria are not met.

ATE dermal (mg/kg) 3412.0

5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one

Acute toxicity - oral

Acute toxicity oral (LD50 mg/kg) 4467 Based on available data the classification criteria are not met

Species Rat

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Acute toxicity - dermal

Acute toxicity dermal (LD50 mg/kg) >5000 Based on available data the classification criteria are not met

Species Rat

Skin Corrosion/Irritation Causes caustic effect on skin and mucous membrane

Serious eye damage/ irritation Cause serious eye damage

Skin Sensitisation Sensitization by skin contact

12. Ecological Information

12.1. Toxicity

Harmful to aquatic life with long lasting effects. Large or frequent spills may have an adverse effect on the environment

Ecological information on ingredients.

Alcohol Ethoxylate with 9MEO

Fish	LC50, 96hrs	1 -10 mg/l
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Quaternary ammonium compounds, benzyl-C12-14 (even numbered)-alkyldimethyl, chlorides

Fish	CL50	0.515 mg/l		
Daphnia	CE50	0.016mg/l		
Alga	CI50	0.03 mg/l		
Alga	NOEC	0.009mg/l		
LE(C)₅₀	$0.01 < L(E)C50 \leq 0.1$		M factor (Acute)	10
Chronic aquatic toxicity				
NOEC	$0.001 < NOEC \leq 0.01$		M factor (Chronic)	1

5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one

Fish (rainbow trout)	EC50, 96hrs	14.6mg/l
Daphina	EC 50, 48hrs	6.7mg/l
Alga (Pseudokirchneriella subcapitata)	EC 50, 72hrs	3.2mg/l

12.2. Persistence and degradability

Persistence and degradability

The surfactant(s) contained in this product complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

Ecological information on ingredients.

Alcohol Ethoxylate with 9MEO

Persistence and degradability This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents

Quaternary ammonium compounds, benzyl-C12-14 (even numbered)-alkyldimethyl, chlorides

Persistence and degradability The product is readily biodegradable.

5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one

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Persistence and degradability The product is not readily biodegradable.

12.3 Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient Not available

Ecological information on ingredients.

Alcohol Ethoxylate with 9MEO

No bioaccumulation potential

5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one

Log Kow -0.71: +0.75 (n-Octanol/ water)

BCF 3.6 (calculated)

12.4 Mobility in soil

The product is soluble in water

Ecological information on ingredients.

Alcohol Ethoxylate with 9MEO

The product is mobile in water

5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one

No data available

12.5 Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB

12.6 Other adverse effects

None known

13. Disposal Considerations

13.1. Waste treatment methods

General information Harmful to aquatic life with long lasting effects

Disposal methods : Dispose of contents/container in accordance with national regulations

14. Transport Information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. **UN number** : Not applicable.

14.2. **UN proper shipping name**: Not applicable.

14.3. **Transport hazard class(es)**: No transport warning sign required.

14.4. **Packing group**: Not applicable.

14.5. **Environmental hazards**:

Environmentally hazardous substance/marine pollutant: No.

14.6. **Special precautions for user**: Not applicable.

14.7. **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** : Not applicable.

15. Regulatory Information

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

National regulations

EH40/2005 Workplace exposure limits. The Chemical (Hazard Information and Packaging for Supply) Regulation 2009 (SI 2009 No. 716)

EU legislation

- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
- Regulation (EC) No. 1907/2006 of the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Regulation (EC) No. 648/2004 of the European Parliament and of the Council of 31st March 2004 on detergents.

15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out.

16. Other Information

Revision Comments Format and content change to conform Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended)

Revision Date 7.10.2015

Revision 02

Risk Phrases In Full

R22 Harmful if swallowed
R23/24/25 Toxic by inhalation, in contact with skin and if swallowed
R34 Causes burns
R41 Risk of serious damage to eyes
R43 May cause sensitisation by skin contact
R50 Very toxic to aquatic organisms
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Hazard Statements In Full

H301 Toxic if swallowed
H302 Harmful if swallowed
H311 Toxic in contact with skin
H314 Causes severe burns and eye damage
H317 May cause an allergic skin reaction
H318 Causes serious eye damage
H331 Toxic if inhaled
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects

Disclaimer

The information contained in this data sheet is, to the best of our knowledge and belief, accurate and is based upon our technical knowledge of the product and the date of issue. No warranty or representation, express or implied, is made as to its accuracy, reliability or completeness. MPM Consumer Products Ltd will not be responsible for any damage or injury resulting from any inherent hazard of the material, the abnormal use of the material or from failure to adhere to recommendation