



Safety Data Sheet according to UK REACH (SI 2020/1577) as amended

Issue date: 11.12.2025

Version number: 1

Revision date: 11.12.2025

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** Fresh Clean
- **Product Code:** HMFRESH
- **Registration number** Mixture
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Product category** PC35 Washing and cleaning products (including solvent based products)
- **Application of the substance / the mixture** Cleaning agent/ Cleaner
- **Uses advised against** The product is strictly intended for industrial or professional use only.
- **1.3 Details of the supplier of the safety data sheet**
- **Supplier:**
Kitchenmaster Group Ltd
11 Comber Road
Carryduff
Belfast, BT8 8AN
- Tel: 028 9081 4777
Email: sales@kitchenmaster-ni.com
- **Further information obtainable from:** Product safety department.
- **1.4 Emergency telephone number:**
Members of the public seeking specific information on poisons should contact:
In England and Wales: NHS 111 - dial 111
In Scotland: NHS 24 - dial 111

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to GB-CLP** The product is not classified, according to the GB CLP regulation.
- **2.2 Label elements**
- **Labelling according to GB-CLP** Not applicable
- **Hazard pictograms** Not applicable
- **Signal word** Not applicable
- **Hazard statements** Not applicable
- **Additional information:**
EUH210 Safety data sheet available on request.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable
- **Determination of endocrine-disrupting properties** Not applicable

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** An aqueous solution of the substances listed below with multifunctional additives.

(Contd. on page 2)

— GB —



Safety Data Sheet

according to UK REACH (SI 2020/1577) as amended

Issue date: 11.12.2025

Version number: 1

Revision date: 11.12.2025

Trade name: Fresh Clean

(Contd. of page 1)

· Dangerous components:		
CAS: 160901-19-9 NLP: 500-457-0 Reg.nr.: 01-2119490233-42-XXXX	Alcohols, C12 -13- branched and linear, ethoxylated (>5-<15 EO) ⚠ Aquatic Acute 1, H400; Aquatic Chronic 2, H411	1 – < 2.5%
CAS: 7320-34-5 EINECS: 230-785-7 Reg.nr.: 01-2119489369-18-XXXX	Tetrapotassium pyrophosphate ⚠ Eye Irrit. 2, H319	1 – 2.5%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
- **After eye contact:**
Check for and remove any contact lenses.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
If symptoms persist consult doctor.
- **Information for doctor:** Treat symptomatically and supportively.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**
In case of fire, the following can be released:
Carbon monoxide and carbon dioxide
Nitrogen oxides (NO_x)
Phosphorous oxides
Under certain fire conditions, traces of other toxic gases cannot be excluded.
- **5.3 Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.
Do not inhale explosion gases or combustion gases.
Wear fully protective suit.

(Contd. on page 3)

—GB—



Safety Data Sheet

according to UK REACH (SI 2020/1577) as amended

Issue date: 11.12.2025

Version number: 1

Revision date: 11.12.2025

Trade name: Fresh Clean

(Contd. of page 2)

· Additional information

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Particular danger of slipping on leaked/spilled product.

· 6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course in the undiluted form.

· 6.3 Methods and material for containment and cleaning up:

Contain and collect spillage with non-combustible, absorbent material e.g.sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

· 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

· Information about fire - and explosion protection: No special measures required.**· 7.2 Conditions for safe storage, including any incompatibilities****· Storage:****· Requirements to be met by storerooms and receptacles:** No special requirements.**· Information about storage in one common storage facility:** Not required**· Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.**· Storage class:** 12**· 7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters**· Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· DNELs**CAS: 160901-19-9 Alcohols, C12 -13- branched and linear, ethoxylated (>5-<15 EO)**

Oral Long-term systemic effects 1.67 mg/kg bw/day (general population)

Dermal Long-term systemic effects 83.3 mg/kg bw/day (general population)

233 mg/kg bw/day (worker)

Inhalative Long-term systemic effects 4.36 mg/m³ (general population)

(Contd. on page 4)



Safety Data Sheet

according to UK REACH (SI 2020/1577) as amended

Issue date: 11.12.2025

Version number: 1

Revision date: 11.12.2025

Trade name: Fresh Clean

(Contd. of page 3)

		24.5 mg/m ³ (worker)
CAS: 7320-34-5 Tetrapotassium pyrophosphate		
Inhalative	Long-term systemic effects	4.35 mg/m ³ (general population) 17.63 mg/m ³ (worker)
· PNECs		
CAS: 160901-19-9 Alcohols, C12 -13- branched and linear, ethoxylated (>5-<15 EO)		
Freshwater		1.23 µg/L
Freshwater - Intermittent releases		1.795 µg/L
Marine water		123 ng/L
Marine Water - Intermittent releases		179 ng/L
Sewage Treatment Plant		200 µg/L
Sediment (freshwater)		29 µg/kg
Sediment (marine water)		2.9 µg/kg
Soil		8.6 µg/kg

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Appropriate engineering controls** No further data; see section 7.

· **Individual protection measures, such as personal protective equipment**

· **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Avoid contact with the eyes and skin.

Do not eat or drink while working.

Wash hands before breaks and at the end of work.

· **Respiratory protection:** Not required

· **Hand protection**



For prolonged contact, use protective gloves tested and approved under appropriate government standards such as NIOSH (US) or EN374 (EU).

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye/face protection**



Safety glasses with side-shields conforming to EN166.

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

(Contd. on page 5)

— GB —



Safety Data Sheet

according to UK REACH (SI 2020/1577) as amended

Issue date: 11.12.2025

Version number: 1

Revision date: 11.12.2025

Trade name: Fresh Clean

(Contd. of page 4)

· Body protection:

Protective work clothing

Body protection must be chosen depending on product properties, activity and possible exposure.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties**· General Information**

· Physical state	Liquid
· Colour:	Green
· Odour:	Characteristic
· Melting point/freezing point:	Undetermined
· Boiling point or initial boiling point and boiling range	100 °C (CAS: 7732-18-5 Water)
· Flammability	Not applicable
· Lower and upper explosion limit	
· Lower:	Not applicable
· Upper:	Not applicable
· Flash point:	Not applicable
· Auto-ignition temperature:	Not applicable
· Decomposition temperature:	Decomposition is not expected under normal conditions of use.
· pH at 20 °C	9 – 11
· Viscosity:	
· Dynamic:	Not determined
· Solubility	
· water:	Fully miscible.
· Vapour pressure:	Not determined
· Density and/or relative density	
· Density at 20 °C:	1.01 – 1.02 g/cm ³
· Relative density	Not determined
· Particle characteristics	Not applicable

· 9.2 Other information

· Appearance:	
· Form:	Liquid
· Important information on protection of health and environment, and on safety.	
· Ignition temperature:	Product is not self-igniting.
· Explosive properties:	Product does not present an explosion hazard.
· Change in condition	
· Evaporation rate	Not determined

(Contd. on page 6)

GB



Safety Data Sheet

according to UK REACH (SI 2020/1577) as amended

Issue date: 11.12.2025

Version number: 1

Revision date: 11.12.2025

Trade name: Fresh Clean

(Contd. of page 5)

· Information with regard to physical hazard classes	Not applicable
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SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** Heat and static discharge.
- **10.5 Incompatible materials:** Strong acids.
- **10.6 Hazardous decomposition products:**
Carbon monoxide and carbon dioxide
Nitrogen oxides (NO_x)
Phosphorus oxides (e.g. P₂O₅)

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:
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CAS: 7320-34-5 Tetrapotassium pyrophosphate		
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Oral	LD50	> 2,000 mg/kg (mouse)
Dermal	LD50	> 2,000 mg/kg (rabbit)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **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.
- **Subacute to chronic toxicity:** Prolonged or repeated skin contact may irritate and cause dermatitis.
- **11.2 Information on other hazards**

· Endocrine disrupting properties
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None of the ingredients are listed.

— GB —

(Contd. on page 7)



Safety Data Sheet

according to UK REACH (SI 2020/1577) as amended

Issue date: 11.12.2025

Version number: 1

Revision date: 11.12.2025

Trade name: Fresh Clean

(Contd. of page 6)

SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

CAS: 7320-34-5 Tetrapotassium pyrophosphate
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LC50 (96 h) > 100 mg/l (Bacteria)

- **12.2 Persistence and degradability** The organic portion of the product is biodegradable.
- **12.3 Bioaccumulative potential** Product is not expected to bioaccumulate.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable
- **12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation**

Recommended Hierarchy of Controls:

- Minimise waste;
- Reuse if not contaminated;
- Recycle, if possible; or
- Safe disposal (if all else fails).

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

Contact waste processors for recycling information.

Used, degraded or contaminated product may be classified as hazardous waste. Anyone classifying hazardous waste and determining its fate must be qualified in accordance with state and international legislation.

- **Uncleaned packaging:**

- **Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

Disposal must be made according to official regulations.

Containers, even those that are "empty," may contain residues that can develop flammable and/or hazardous vapours upon heating. Do not cut, drill, grind, weld, or perform similar operations on or near empty containers.

- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.
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according to UK REACH (SI 2020/1577) as amended

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Version number: 1

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Trade name: Fresh Clean

(Contd. of page 7)

SECTION 14: Transport information

· 14.1 UN number or ID number · ADR, IMDG, IATA	Not applicable
· 14.2 UN proper shipping name · ADR, IMDG, IATA	Not applicable
· 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class	Not applicable
· 14.4 Packing group · ADR, IMDG, IATA	Not applicable
· 14.5 Environmental hazards:	Not applicable
· 14.6 Special precautions for user	Not applicable
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable
· Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	Not applicable

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Poisons Act**

· Regulated explosives precursors
None of the ingredients are listed.
· Regulated poisons
None of the ingredients are listed.
· Reportable explosives precursors
None of the ingredients are listed.
· Reportable poisons
None of the ingredients are listed.
· Control Of Major Accident Hazards Regulations 2015 (COMAH)
· Named dangerous substances - ANNEX I None of the ingredients are listed.
· DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II
None of the ingredients are listed.

(Contd. on page 9)



Safety Data Sheet

according to UK REACH (SI 2020/1577) as amended

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Trade name: Fresh Clean

(Contd. of page 8)

· REGULATION (EU) 2019/1148**· Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients are listed.

· Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients are listed.

· Regulation (EC) No 273/2004 on drug precursors

None of the ingredients are listed.

· Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients are listed.

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

· Relevant phrases

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

· Department issuing SDS: Product safety department.**· Abbreviations and acronyms:**

UK REACH: REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals

GB CLP: REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

UFF: Unique Formula Identifier

UK- REACH: The UK REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals

GB- CLP: Retained GB CLP Regulation (EU) No. 1272/2008 as amended for Great Britain on the Classification, Labelling and Packaging of Chemicals.

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2