



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

Printing date 25.05.2025

Version number 1

Revision: 25.05.2025

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

- **1.1 Product identifier**
- **Trade name:** Pine Floor Gel
- **Product Code:** FLR110
- **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 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:**
EUH208 Contains Reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3- one (3:1).
May produce an allergic reaction.
EUH210 Safety data sheet available on request.
Contains biocidal active substance(s): Reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3- one (3:1)
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.



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

Printing date 25.05.2025

Version number 1

Revision: 25.05.2025

Trade name: Pine Floor Gel

(Contd. of page 1)

SECTION 3: Composition/information on ingredients**3.2 Mixtures****Description:** An aqueous solution of the substances listed below with multifunctional additives.**Dangerous components:**

CAS: 68891-38-3 NLP: 500-234-8 Reg.nr.: 01-2119488639-16-XXXX	Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts ☠ Eye Dam. 1, H318; ☠ Skin Irrit. 2, H315; Aquatic Chronic 3, H412 Specific concentration limits: Eye Dam. 1; H318: $C \geq 10\%$ Eye Irrit. 2; H319: $5\% \leq C < 10\%$	2.5 – < 5%
CAS: 55965-84-9 EC number: 911-418-6 Reg.nr.: 01-2120764691-48-XXXX	Reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3- one (3:1) Consisting of: 26172-55-4 5-chloro-2-methyl-2H-isothiazol-3-one (75%); 2682-20-4 2-methyl-2H-isothiazol-3-one (25%) ☠ Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330; ☠ Skin Corr. 1C, H314; Eye Dam. 1, H318; ☠ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); ☠ Skin Sens. 1A, H317, EUH071 ATE: LD50 oral: 66 mg/kg LD50 dermal: > 141 mg/kg LC50/4 h inhalative: 0.17 mg/l Specific concentration limits: Skin Corr. 1C; H314: $C \geq 0.6\%$ Skin Irrit. 2; H315: $0.06\% \leq C < 0.6\%$ Eye Dam. 1; H318: $C \geq 0.6\%$ Eye Irrit. 2; H319: $0.06\% \leq C < 0.6\%$ Skin Sens. 1A; H317: $C \geq 0.0015\%$	0.00025 – < 0.0015%

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****General information:** Immediately remove any clothing soiled by the product.**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.

(Contd. on page 3)



Safety data sheet

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

Printing date 25.05.2025

Version number 1

Revision: 25.05.2025

Trade name: Pine Floor Gel

(Contd. of page 2)

If symptoms persist consult doctor.

- **Information for doctor:** Treat symptomatically and supportively.
 - **4.2 Most important symptoms and effects, both acute and delayed** Allergic reactions
 - **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)
Sulphur Oxides (SO_x)
Chlorine compounds
 - **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.
 - **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.

(Contd. on page 4)



Safety data sheet

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

Printing date 25.05.2025

Version number 1

Revision: 25.05.2025

Trade name: Pine Floor Gel

(Contd. of page 3)

- 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:** Prevent any seepage into the ground.
- **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: 68891-38-3 Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts**

Oral	Long-term systemic effects	1.125 mg/kg bw/day (general population)
	Long-term systemic effects	40.178 mg/kg bw/day (general population) 80.357 mg/kg bw/day (worker)
Dermal	Long-term systemic effects	79 µg/kg bw/day (general population) 132 µg/kg bw/day (worker)
	Long-term local effects	1.4 mg/m ³ (general population) 7.9 mg/m ³ (worker)
Inhalative	Long-term systemic effects	

CAS: 55965-84-9 Reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3- one (3:1)

Oral	Long-term systemic effects	90 µg/kg bw/day (general population)
	Short-term systemic effects	110 µg/kg bw/day (general population)
Inhalative	Long-term local effects	20 µg/m ³ (general population) 20 µg/m ³ (worker)
	Short-term local effects	40 µg/m ³ (general population) 40 µg/m ³ (worker)

· PNECs**CAS: 68891-38-3 Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts**

Freshwater	52 – 240 µg/L
Freshwater - Intermittent releases	71 µg/L
Marine water	5.2 – 24 µg/L
Sewage Treatment Plant	1,000 – 10,000 mg/L
Sediment (freshwater)	200 – 916.8 µg/kg
Sediment (marine water)	20 – 91.7 µg/kg

(Contd. on page 5)



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

Printing date 25.05.2025

Version number 1

Revision: 25.05.2025

Trade name: Pine Floor Gel

(Contd. of page 4)

Soil	7.5 mg/kg
CAS: 55965-84-9 Reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3- one (3:1)	
Freshwater	3.39 µg/L
Freshwater - Intermittent releases	3.39 µg/L
Marine water	3.39 µg/L
Marine Water - Intermittent releases	3.39 µg/L
Sewage Treatment Plant	230 µg/L
Sediment (freshwater)	27 µg/kg
Sediment (marine water)	27 µg/kg
Soil	10 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.

Do not carry product impregnated cleaning cloths in trouser pockets.

· **Respiratory protection:** Not required.

· **Hand protection**



Protective gloves.

Use 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 6)

—GB—



Safety data sheet

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

Printing date 25.05.2025

Version number 1

Revision: 25.05.2025

Trade name: Pine Floor Gel

(Contd. of page 5)

· 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:	Citrus
· Odour threshold:	Not determined.
· 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 determined.
· Upper:	Not determined.
· Flash point:	Not applicable.
· Decomposition temperature:	Not determined.
· pH at 20 °C	8 – 10
· Viscosity:	
· Kinematic viscosity	Not determined.
· Dynamic:	Not determined.
· Solubility	
· water:	Fully miscible.
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure:	Not determined.
· Density and/or relative density	
· Density at 20 °C:	1 – 1.02 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.

· 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.
· Solvent content:	
· VOC (EC)	0.25 %

(Contd. on page 7)



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

Printing date 25.05.2025

Version number 1

Revision: 25.05.2025

Trade name: Pine Floor Gel

(Contd. of page 6)

· Change in condition	
· Evaporation rate	Not determined.
· Information with regard to physical hazard classes	
· Explosives	Not applicable
· Flammable gases	Not applicable
· Aerosols	Not applicable
· Oxidising gases	Not applicable
· Gases under pressure	Not applicable
· Flammable liquids	Not applicable
· Flammable solids	Not applicable
· Self-reactive substances and mixtures	Not applicable
· Pyrophoric liquids	Not applicable
· Pyrophoric solids	Not applicable
· Self-heating substances and mixtures	Not applicable
· Substances and mixtures, which emit flammable gases in contact with water	Not applicable
· Oxidising liquids	Not applicable
· Oxidising solids	Not applicable
· Organic peroxides	Not applicable
· Corrosive to metals	Not applicable
· Desensitised explosives	Not applicable

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** No further relevant information available.
- **10.5 Incompatible materials:**
 - Strong acids.
 - Strong bases.
 - Strong oxidising agents.
- **10.6 Hazardous decomposition products:**
 - Carbon monoxide and carbon dioxide
 - Nitrogen oxides (NO_x)
 - Sulphur oxides (SO_x)
 - Chlorine compounds

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.

(Contd. on page 8)

— GB —



Safety data sheet

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

Printing date 25.05.2025

Version number 1

Revision: 25.05.2025

Trade name: Pine Floor Gel

(Contd. of page 7)

· LD/LC50 values relevant for classification:**CAS: 55965-84-9 Reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3- one (3:1)**

Oral	LD50	66 mg/kg (ATE)
Dermal	LD50	> 141 mg/kg (ATE)

· 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.
- **Additional toxicological information:** Repeated or prolonged skin contact may induce sensitisation.
- **11.2 Information on other hazards**

· Endocrine disrupting properties

None of the ingredients are listed.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **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 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Recommended Hierarchy of Controls:
 - Minimise waste;
 - Reuse if not contaminated;
 - Recycle, if possible; or

(Contd. on page 9)

— GB —



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

Printing date 25.05.2025

Version number 1

Revision: 25.05.2025

Trade name: Pine Floor Gel

(Contd. of page 8)

- 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.

SECTION 14: Transport information

· 14.1 UN number or ID number · ADR/RID/ADN, IMDG, IATA	Not applicable
· 14.2 UN proper shipping name · ADR/RID/ADN, IMDG, IATA	Not applicable
· 14.3 Transport hazard class(es) · ADR/RID/ADN, ADN, IMDG, IATA · Class	Not applicable
· 14.4 Packing group · ADR/RID/ADN, 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.
· 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.

(Contd. on page 10)



Safety data sheet

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

Printing date 25.05.2025

Version number 1

Revision: 25.05.2025

Trade name: Pine Floor Gel

(Contd. of page 9)

· 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.**· National regulations:****· Information about limitation of use:**

Class	Share in %
NK	1.6

· 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

- H301 Toxic if swallowed.
- H310 Fatal in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H330 Fatal if inhaled.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.
- EUH071 Corrosive to the respiratory tract.

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

- 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)
- VOC: Volatile Organic Compounds (USA, EU)
- 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

(Contd. on page 11)



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

Printing date 25.05.2025

Version number 1

Revision: 25.05.2025

Trade name: Pine Floor Gel

(Contd. of page 10)

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 2: Acute toxicity – Category 2

Skin Corr. 1C: Skin corrosion/irritation – Category 1C

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

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

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

— GB —