

# SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006

## Freshclean (FF)

Version number: 06

Issued: 2023-09-27

Replaces SDS: 2023-08-31

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

#### 1.1. Product identifier

**Trade name**

Freshclean (FF)

**Article No.**

518RN

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

**Product type**

Powder Concentrate Cleaning Solution

#### 1.3. Details of the supplier of the safety data sheet

**Supplier**

RJN Chemicals Ltd.

Street address

Unit 6

The Ridgeway

Thorney Lane

Iver

Bucks

SL0 9HX

United Kingdom

Telephone

01753 655 076

Email

sales@rjnchemicals.co.uk

#### 1.4. Emergency telephone number

01753 655 076 (Office Hours)

**Available outside office hours**

No

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

*Classification according to Regulation (EC) No 1272/2008*

**Classification**

Serious eye damage, hazard category 1

Skin irritation, hazard category 2

Specific Target Organ Toxicity — Single exposure, hazard category 3

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### Hazard statements

H315, H318, H335

### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

### Hazard pictograms



### Signal word

Danger

### Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

### Precautionary statements

P261 Avoid breathing dust.

P264 Wash hands thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P310 Immediately call a POISON CENTER/doctor in case of eye contact.

P312 Call a POISON CENTER/doctor immediately if you feel unwell.

P321 Specific treatment (see Section 4 on this label).

P302 + P352 IF ON SKIN: Wash with plenty of water/soap.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P405 Store locked up.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container to accordance with national regulations.

P362 + P364 Take off contaminated clothing and wash it before reuse.

### More information

NOTE: At use concentration this product is not classified.

### 2.3. Other hazards

Detergent labelling: <5% non-ionic surfactants

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### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Note
Sodium Silicate C112 (R0669)	1344-09-8 - -	>5 - ≤20%	Skin Irrit. 2, Eye Dam. 1, STOT SE 3	H315, H318, H335 - -	-
Sodium Carbonate (R0110, R0111)	497-19-8 - -	>5 - ≤15%	Eye Irrit. 2	H319 - -	-
Alcohols, C11-13-branched, ethoxylated (R0478)	68439-54-3 931-985-3 - -	>0.1 - ≤1%	Acute Tox. 4 - oral, Eye Dam. 1	H302, H318 - -	-

#### **Substance additional information**

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### **Inhalation**

Remove victim to fresh air and keep at rest in a position comfortable for breathing.

##### **Skin contact**

Rinse skin with water/shower. Get medical attention if irritation persists after washing.

##### **Eye contact**

Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

##### **Ingestion**

Do NOT induce vomiting. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

##### **Information for doctors**

Treat symptomatically.

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

The severity of symptoms described will vary dependent on the concentration and length of the exposure.

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### Inhalation

Cough Discomfort Irritation to respiratory tract

### Skin contact

Skin irritation or rash

### Eye contact

Blurred vision. Causes serious eye damage.

### Ingestion

Nausea Discomfort

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Use fire-extinguishing media suitable for the surrounding fire.

### 5.2. Special hazards arising from the substance or mixture

None at ambient temperatures.

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighters

No specific firefighting precautions known.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8.

### 6.2. Environmental precautions

Do not discharge into drains or watercourses.

### 6.3. Methods and material for containment and cleaning up

Stop leak if safe to do so. Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Collect and place in suitable waste disposal containers and seal securely. Flush the contaminated area with plenty of water. Avoid release to watercourses.

### 6.4. Reference to other sections

See Section 1 for emergency contact information. For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Preventive handling precautions

Avoid contact with eyes.

#### 7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a cool, well-ventilated place.

#### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### National occupational exposure limits

Ingredient	CAS No. EC No.	Exposure limit ppm / mg/m <sup>3</sup>	Source	Remark	Year
Sodium Silicate C112 (R0669)	1344-09-8 -	1 5	-	Respirable dust	-

##### DNEL/DMEL

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
Sodium Carbonate (R0110, R0111) (497-19-8/-)	DNEL	Chronic (long term) Inhalation	10 mg/m <sup>3</sup>	Workers	Local

#### 8.2. Exposure controls

##### Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations. Use mechanical ventilation if there is a risk of handling causing formation of airborne dust.

##### Personal Protective Equipment Symbols



##### Eye / face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

##### Hand protection

Tested protective gloves must be worn

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### Other skin protection

Wear protective clothing to prevent the risk of skin contact.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Physical state

Solid – Dusty

#### Colour

White to off white powder

#### Odour

Odourless

#### Melting point / freezing point

No data available

#### Boiling point or initial boiling point and boiling range

No data available

#### Flammability

No data available

#### Lower and upper explosion limit

No data available

#### Flash point

No data available

#### Auto-ignition temperature

No data available

#### Decomposition temperature

No data available

#### pH

No data available

#### Kinematic viscosity

No data available

#### Solubility

Miscible with water.

#### Partition coefficient n-octanol/water

No data available

#### Vapour pressure

No data available

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### Density and/or relative density

No data available

### Relative vapour density

No data available

### Particle characteristics

No data available

## 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

No data available

### 10.4. Conditions to avoid

No data available

### 10.5. Incompatible materials

Avoid mixing with other household chemicals.

### 10.6. Hazardous decomposition products

Fire creates: Carbon monoxide Carbon dioxide

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

No information available.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

### 11.2. Information on other hazards

No data available

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### SECTION 12: Ecological information

#### 12.1. Toxicity

No data available

#### 12.2. Persistence and degradability

##### Decay/transformation

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

#### 12.3. Bioaccumulative potential

Not expected to bioaccumulate.

#### 12.4. Mobility in soil

No data available

#### 12.5. Results of PBT and vPvB assessment

No data available

#### 12.6. Endocrine disrupting properties

No data available

#### 12.7. Other adverse effects

No data available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Disposal considerations

Dispose of waste product or used containers according to local regulations.

### SECTION 14: Transport information

#### 14.1. UN number

Not applicable

#### 14.2. UN proper shipping name

Not applicable

#### 14.3. Transport hazard class(es)

Not applicable

#### 14.4. Packing group

Not applicable



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### 14.5. Environmental hazards

Not applicable

### 14.6. Special precautions for user

Always transport in closed containers that are upright and secure.

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### National regulations

No data available

### 15.2. Chemical safety assessment

No data available

## SECTION 16: Other information

#### Phrase meaning

Eye Dam. 1 - Serious eye damage, hazard category 1

Skin Irrit. 2 - Skin irritation, hazard category 2

STOT SE 3 - Specific Target Organ Toxicity — Single exposure, hazard category 3

Eye Irrit. 2 - Eye irritation, hazard category 2

Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

#### Manufacturer's notes

This information is given in good faith and is based upon available data. The user must determine if the product is correct for any particular application. This document is not a specification.