
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: FloCIP Chlor
- UFI: RMGF-Y0DF-W00G-8SMK

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

- Use of the substance/mixture: Detergent for professional use.

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: QJS (UK) Ltd
- Address of Supplier: Saxilby Enterprise Park, Skellingthorpe Road, Lincoln, LN1 2LR, United Kingdom
- Telephone: +44 (0) 1522 703703 (Office hours: 07:30 - 16:30 hours)
- Responsible Person: Dan Turner
- Website: www.foodclean.com
- Email: sales@foodclean.co.uk

1.4 Emergency telephone number

- Emergency Telephone: +44 (0) 1978 434877 (Out of hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Aquatic Acute 1, Skin Corr. 1A, Aquatic Chronic 2

2.2 Label elements



- Signal Word: Danger

Hazard statements

Causes severe skin burns and eye damage.
Very toxic to aquatic life.
Contact with acids liberates very toxic gas.

Precautionary statements

IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Do not breathe dust/fume/gas/mist/vapours/spray.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Wear protective gloves/protective clothing/eye protection/face protection.
Immediately call a POISON CENTER or doctor/physician.

SECTION 2: Hazards identification (....)

Avoid release to the environment.

Wash hands thoroughly after handling.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Wash contaminated clothing before reuse.

Collect spillage.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

Store locked up.

2.3 Other hazards

- Contains: sodium hydroxide; sodium hypochlorite solution
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SECTION 3: Composition/information on ingredients**3.2 Mixtures**

sodium hydroxide solution

CAS Number: 1310-73-2

EC Number: 215-185-5

REACH Registration Number: 01-2119457892-27-XXXX

Concentration: 10 - 20%

Specific Concentration Limits: Skin Corr. 1A; H314: $C \geq 5\%$

Skin Corr. 1B; H314: $2\% \leq C < 5\%$

Skin Irrit. 2; H315: $0,5\% \leq C < 2\%$

Eye Irrit. 2; H319: $0,5\% \leq C < 2\%$

M factor: Not available

Acute toxicity estimate: Not available

Categories: Met. Corr. 1, Skin Corr. 1A

Symbols: GHS05

H Statements: H290, H314

sodium hypochlorite, solution ... % Cl active

CAS Number: 7681-52-9

EC Number: 231-668-3

REACH Registration Number: 01-211988154-34-XXXX

Concentration: 1 - 10%

Specific Concentration Limits: EUH031: $C \geq 5\%$

M=10

M=1

M factor: Not available

Acute toxicity estimate: Not available

Categories: Skin Corr. 1B, Aquatic Acute 1, Aquatic Chronic 1

Symbols: GHS05;GHS09

H Statements: EUH031, H314, H318, H400, H411

SECTION 4: First aid measures

4.1 Description of first aid measures

- After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label
- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
- If skin irritation or rash occurs: Get medical advice/attention.
- When in doubt or symptoms persist, seek medical attention
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- Wash contaminated clothing before reuse.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

4.2 Most important symptoms and effects, both acute and delayed

- Can cause damage to the eyes, skin and mucous membranes
- Possible blistering of the skin of affected areas
- Risk of serious damage to eyes

4.3 Indication of any immediate medical attention and special treatment needed

- In case of burns immediately cool affected skin as long as possible with cold water
- Remove contaminated clothing immediately and drench affected skin with plenty of water
- Obtain immediate medical attention

SECTION 5: Firefighting measures

5.1 Extinguishing media

- In case of fire use water, foam, carbon dioxide or dry agent

5.2 Special hazards arising from the substance or mixture

- No information available

5.3 Advice for firefighters

- Wear chemical protection suit and positive-pressure breathing apparatus

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8

6.2 Environmental precautions

- Do not empty into drains
- Do not flush spilt material into any public water system
- Use appropriate containment to avoid environmental contamination

SECTION 6: Accidental release measures (....)**6.3 Methods and material for containment and cleaning up**

- Absorb spillage in suitable inert material
- Collect as much as possible in clean container for reuse or disposal
- Remove contaminated material to safe location for subsequent disposal
- Seek expert advice for removal and disposal of all contaminated materials and wastes
- Collect spillage.

6.4 Reference to other sections

- See Section 8 for information on PPE
 - See Section 8 for information on PPE
 - See Section 13 for waste treatment information
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SECTION 7: Handling and storage**7.1 Precautions for safe handling**

- Avoid contact with skin and eyes
- Do not breathe spray/mists
- Do not mix with any other products
- Ensure adequate ventilation
- Eyewash bottles should be available
- In case of accident by inhalation: remove casualty to fresh air and keep at rest
- Proper chemicals handling procedures should be adopted
- Contact with acids liberates very toxic gas.
- Forms hazardous decomposition products
- Wash contaminated clothing before reuse.

7.2 Conditions for safe storage, including any incompatibilities

- Keep container tightly closed, in a cool, well ventilated place
- Do not store in direct sunlight
- Protect from frost
- Forms hazardous decomposition products
- Store locked up.

7.3 Specific end use(s)

- No information available
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SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

- No information available but must be considered harmful

sodium hydroxide solution

WEL (short term): 2 mg/m³

DNEL (Consumer; dermal, short term local effects): 2%

DNEL (Consumer; inhalational, long term local effects): 1.0 mg/m³

DNEL (Industry; dermal, short term local effects): 2%

DNEL (Industry; inhalational, long term local effects): 1.0 mg/m³

SECTION 8: Exposure controls/personal protection (....)

WEL: 0.02 mg/m³ (IOELV, Sk)

sodium hypochlorite, solution ... % Cl active

TLV (STEL): 0.5 ppm 1.5 mg/m³

DNEL (Consumer; inhalational, long term local effects): 1.55 mg/m³

DNEL (Consumer; inhalational, long term systemic effects): 1.55 mg/m³

DNEL (Consumer; inhalational, short term local effects): 3.1 mg/m³

DNEL (Consumer; inhalational, short term systemic effects): 3.1 mg/m³

DNEL (Industry; inhalational, long term local effects): 1.55 mg/m³

DNEL (Industry; inhalational, long term systemic effects): 1.55 mg/m³

DNEL (Industry; inhalational, short term local effects): 3.1 mg/m³

DNEL (Industry; inhalational, short term systemic effects): 3.1 mg/m³

DNEL (Consumer; oral, short term local effects): 0.26 mg/kg bw/day

DNEL (Industry; dermal, long term local effects): 0.5%

8.2 Exposure controls

- Engineering controls should be provided which maintain airborne concentrations as low as practicable
- In case of insufficient ventilation, wear suitable respiratory equipment
- Wear goggles giving complete eye protection
- Wear suitable gloves
- Wear suitable protective clothing

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

- Physical state: liquid
- Colour: pale yellow/green
- Odour: Characteristic odour
- Melting point/Range: not applicable
- Boiling Point/Range: not available
- Flammability: Not flammable
- pH: >12
- Solubility in water: miscible with water
- Density: 1.20 +/- 0.02
- Flashpoint: >93°C

9.2 Other information

- None

SECTION 10: Stability and reactivity**10.1 Reactivity**

- If exposed to heat, substance may discolour with time
- If exposed to light, substance may discolour with time
- No hazardous reactions known if used for its intended purpose

SECTION 10: Stability and reactivity (....)

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Keep away from frost
- Keep away from heat and sources of ignition
- Keep cool. Protect from sunlight.

10.5 Incompatible materials

- DO NOT MIX WITH ANY OTHER CHEMICALS
- Avoid contact with soft metals unless advised otherwise

10.6 Hazardous decomposition products

- Decomposition products may include considerable amounts of gas
 - Decomposition products may include hydrogen
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SECTION 11: Toxicological information

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

Acute toxicity

Estimated LD₅₀ (oral) (ATE) : >2000 mg/kg

Estimated LD₅₀ (dermal) (ATE) : >4000 mg/kg

Estimated LD₅₀ (inhalational) (ATE) : >20 mg/l/4hr (gas/vapour)

sodium hypochlorite, solution ... % Cl active

LC₅₀ (inhalation, rat): 10,500 mg/m³

LD₅₀ (oral, rat): 1100 mg/kg bw/day

LD₅₀ (skin, rat): 20,000 mg/kg bw/day

Skin corrosion/irritation

Serious eye damage/irritation

Respiratory or skin sensitisation

Germ cell mutagenicity

Carcinogenicity

Reproductive toxicity

STOT (specific target organ toxicity) - single exposure

STOT (specific target organ toxicity) - repeated exposure

SECTION 11: Toxicological information (....)

Aspiration hazard

11.2 Information on other hazards

SECTION 12: Ecological information

12.1 Toxicity

sodium hypochlorite, solution ... % Cl active

IC₅₀ (algae): 0.04 mg/l (72 hr)

EC₅₀ (daphnia): 0.141 mg/l (48 hr)

LC₅₀ (fish): 0.32 mg/l (96 hr)

12.2 Persistence and degradability

12.3 Bioaccumulative potential

12.4 Mobility in soil

- miscible with water

12.5 Results of PBT and vPvB assessment

12.6 Endocrine disrupting properties

12.7 Other adverse effects

- Toxic to sewage works organisms
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SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
 - Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point
 - Do not reuse empty containers without commercial cleaning or reconditioning
 - This material and/or its container must be disposed of as hazardous waste
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SECTION 14: Transport information

DOT Proper Shipping Name: CAUSTIC ALKALI LIQUID, N.O.S.

14.1 UN number or ID number

- UN No.: 1719

14.2 UN proper shipping name

SECTION 14: Transport information (....)

- Proper Shipping Name: CAUSTIC ALKALI LIQUID, N.O.S.

14.3 Transport hazard class(es)

- Hazard Class: 8

14.4 Packing group

- Packing Group: II

14.5 Environmental hazards

- Marine Pollutant
- Environmentally hazardous

14.6 Special precautions for user

- Contains: sodium hydroxide; sodium hypochlorite solution
- ADR Classification Code: C5
- Tunnel Restriction Code: 2
(E)
- Tunnel Tank Restriction Codes: L4BN

14.7 Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006, 1272/2008, 2015/830 and 2020/878
- Ingredients according to EC Detergents Regulation 648/2004
- Nonionic surfactant: none
- Anionic surfactant: none
- Phosphate: <5%

15.2 Chemical safety assessment

- A chemical safety assessment is not required under REACH
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SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- EUH031: Contact with acids liberates toxic gas. H290: May be corrosive to metals. H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage. H400: Very toxic to aquatic life. H411: Toxic to aquatic life with long lasting effects.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.

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