

## SAFETY DATA SHEET

according to Regulation (EU) 2020/878

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### Flexi-Clenz Detergent

Revision 4  
Revision date 2023-01-24

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

##### 1.1. Product identifier

Product name	Flexi-Clenz Detergent
Product code	1036C / 1030E / 1036CS / 1030 / 1030E / 1036ETS

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

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

Company	Serchem Limited
Address	Heatherset Arleston, off Dawley Road Wellington, Telford Shropshire TF1 2LY United Kingdom
Web	www.serchem.co.uk
Telephone	01952 223130
Fax	01952 222012
Email	support@serchem.co.uk
Email address of the competent person	production@serchem.co.uk

##### 1.4. Emergency telephone number

Emergency telephone number	01952 223130 9.00 am - 5.00 pm Mon - Fri The National Poisons Information Service (NPIS) Industry: sds.npis@nhs.net Public: NHS 111 (England), NHS 24 (Scotland) or NHS Direct (Wales)
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##### Further information

	Contact out of office hours: 07734 874648 Mr A Arnold.
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#### SECTION 2: Hazards identification

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

2.1.2. Classification - EC 1272/2008	Eye Irrit. 2: H319;
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##### 2.2. Label elements

Hazard pictograms	
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## 2.2. Label elements

Signal Word	Warning
Hazard Statement	Eye Irrit. 2: H319 - Causes serious eye irritation.
Precautionary Statement: Prevention	P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	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.

## 2.3. Other hazards

Other hazards	This product is not classed as a PBT Substance.
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## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7		1 - 10%	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336;
Alcohol Ethoxylate 90 %		26183-52-8	500-046-6		1 - 10%	Eye Dam. 1: H318;
Glycerine (Glycerol, mist)		56-81-5	200-289-5		1 - 10%	
Potassium polyphosphate aqueous solution					1 - 10%	Eye Irrit. 2: H319;
Alkydimthylbenzylammonium chloride sol		68391-01-5	269-919-4		0 - 0.5%	
boric acid powder	005-007-00-2	10043-35-3	233-139-2		0 - 0.5%	Repr. 1B: H360Fd;

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Remove casualty from exposure ensuring one's own safety whilst doing so. Seek medical attention if irritation or symptoms persist.
Eye contact	Avoid contact with eyes. Eye wash bottle with water. Remove casualty from exposure ensuring one's own safety whilst doing so. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist. Wash with water.
Skin contact	After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Avoid contact with skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Remove casualty from exposure ensuring one's own safety whilst doing so. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. Wash with water.
Ingestion	DO NOT INDUCE VOMITING. If swallowed, rinse mouth with water (only if the person is conscious). Never give anything by mouth to an unconscious person. Remove casualty from exposure ensuring one's own safety whilst doing so. Rinse mouth thoroughly. Seek medical attention if irritation or symptoms persist.

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

Inhalation	Remove the affected person from the source of contamination immediately. Seek medical attention if irritation or symptoms persist.
Eye contact	Avoid contact with eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist. Wash with water. Remove the affected person from the source of contamination immediately. Wash with water.
Skin contact	Avoid contact with skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Remove the affected person from the source of contamination immediately. Seek medical attention if irritation or symptoms persist. Wash with water. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.

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

Ingestion	DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person. Remove the affected person from the source of contamination immediately. Rinse mouth thoroughly. Seek medical attention if irritation or symptoms persist.
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## 4.3. Indication of any immediate medical attention and special treatment needed

Inhalation	Remove the affected person from the source of contamination immediately. Seek medical attention if irritation or symptoms persist.
Eye contact	Avoid contact with eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist. Wash with water.
Skin contact	After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Avoid contact with skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Remove the affected person from the source of contamination immediately. Seek medical attention if irritation or symptoms persist. Wash with water.
Ingestion	DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person. Remove the affected person from the source of contamination immediately. Rinse mouth thoroughly. Seek medical attention if irritation or symptoms persist.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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### 5.2. Special hazards arising from the substance or mixture

	No Significant Hazard.
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### 5.3. Advice for firefighters

	Protective equipment. Self-contained breathing apparatus. Wear suitable respiratory equipment when necessary.
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## SECTION 6: Accidental release measures

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

	Adopt best Manual Handling considerations when handling, carrying and dispensing. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. In case of accident by inhalation: remove casualty to fresh air and keep at rest. Provide eye wash station. Wear protective clothing. Wear suitable gloves and eye/face protection.
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### 6.2. Environmental precautions

	Accidental release measures. Dilute with water. local and national regulations. To clean the floor and all objects contaminated by this material, use water. Wash with water.
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### 6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Clean spillage area thoroughly with plenty of water. Clean the area using a vacuum cleaner. Empty containers can be cleaned with water. Empty containers can be sent for disposal or recycling. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations. local and national regulations. Wear suitable gloves and eye/face protection. Wear suitable protective clothing and eye/face protection.
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### 6.4. Reference to other sections

	See section 2,3,8,13 for further information.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

	After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin. Do not eat, drink or smoke in areas where this product is used or stored. Eye protection. Handle and open container with care. Keep in a cool,
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## 7.1. Precautions for safe handling

	dry, well ventilated area. Keep only in the original container at a temperature not exceeding 25 °C. Keep out of the reach of children. Wear suitable protective clothing, gloves and eye/face protection.
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## 7.2. Conditions for safe storage, including any incompatibilities

	Do NOT allow to freeze. Handle and open container with care. Keep away from food, drink and animal feedingstuffs. Keep only in the original container in a cool, well-ventilated place. Store at temperatures between 5 °C and 25 °C. Store in original container.
Suitable packaging	Keep only in the original container in a cool, well-ventilated place.

## 7.3. Specific end use(s)

	Detergent.
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### Suitable packaging

	Do NOT mix with any other product. Intended use.
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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

	See section 8.2 for further information.
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#### 8.1.1. Exposure Limit Values

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## 8.1.1. Exposure Limit Values

Glycerine (Glycerol, mist)	<p>WEL 8-hr limit ppm: -</p> <p>WEL 15 min limit ppm: -</p> <p>WEL 8-hr limit mg/m3 total inhalable dust: -</p> <p>WEL 8-hr limit mg/m3 total respirable dust: -</p> <p>ATE ORL-CAT 1- H300:</p> <p>ATE ORL-CAT 3- H301:</p> <p>ATE DRM-CAT 1- H310:</p> <p>ATE DRM-CAT 3- H311:</p> <p>ATE INH-GAS- CAT 1- H330:</p> <p>ATE INH-GAS- CAT 3- H331:</p> <p>ATE INH-VAP- CAT 1- H330:</p> <p>ATE INH-VAP- CAT 3- H331:</p> <p>ATE INH-D/M- CAT 1- H330:</p> <p>ATE INH-D/M- CAT 3- H331:</p> <p>PNEC Aqua(Fresh):</p> <p>PNEC Sediment(Fresh):</p> <p>PNEC Soil:</p>	<p>WEL 8-hr limit mg/m3: 10</p> <p>WEL 15 min limit mg/m3: -</p> <p>WEL 15 min limit mg/m3 total inhalable dust: -</p> <p>WEL 15 min limit mg/m3 total respirable dust: -</p> <p>ATE ORL-CAT 2- H300:</p> <p>ATE ORL-CAT 4- H302:</p> <p>ATE DRM-CAT 2- H310:</p> <p>ATE DRM-CAT 4- H312:</p> <p>ATE INH-GAS- CAT 2- H330:</p> <p>ATE INH-GAS- CAT 4- H332:</p> <p>ATE INH-VAP- CAT 2- H330:</p> <p>ATE INH-VAP CAT 4- H332:</p> <p>ATE INH-D/M- CAT 2- H330:</p> <p>ATE INH-D/M- CAT 4- H332:</p> <p>PNEC Aqua(Marine):</p> <p>PNEC Sediment(Marine):</p>
Isopropanol (Propan-2-ol)	<p>WEL 8-hr limit ppm: 400</p> <p>WEL 15 min limit ppm: 500</p> <p>WEL 8-hr limit mg/m3 total inhalable dust: -</p> <p>WEL 8-hr limit mg/m3 total respirable dust: -</p> <p>ATE ORL-CAT 1- H300:</p> <p>ATE ORL-CAT 3- H301:</p> <p>ATE DRM-CAT 1- H310:</p> <p>ATE DRM-CAT 3- H311:</p> <p>ATE INH-GAS- CAT 1- H330:</p> <p>ATE INH-GAS- CAT 3- H331:</p> <p>ATE INH-VAP- CAT 1- H330:</p> <p>ATE INH-VAP- CAT 3- H331:</p> <p>ATE INH-D/M- CAT 1- H330:</p> <p>ATE INH-D/M- CAT 3- H331:</p> <p>PNEC Aqua(Fresh):</p> <p>PNEC Sediment(Fresh):</p> <p>PNEC Soil:</p>	<p>WEL 8-hr limit mg/m3: 999</p> <p>WEL 15 min limit mg/m3: 1250</p> <p>WEL 15 min limit mg/m3 total inhalable dust: -</p> <p>WEL 15 min limit mg/m3 total respirable dust: -</p> <p>ATE ORL-CAT 2- H300:</p> <p>ATE ORL-CAT 4- H302:</p> <p>ATE DRM-CAT 2- H310:</p> <p>ATE DRM-CAT 4- H312:</p> <p>ATE INH-GAS- CAT 2- H330:</p> <p>ATE INH-GAS- CAT 4- H332:</p> <p>ATE INH-VAP- CAT 2- H330:</p> <p>ATE INH-VAP CAT 4- H332:</p> <p>ATE INH-D/M- CAT 2- H330:</p> <p>ATE INH-D/M- CAT 4- H332:</p> <p>PNEC Aqua(Marine):</p> <p>PNEC Sediment(Marine):</p>

## 8.2. Exposure controls

	
8.2.1. Appropriate engineering controls	Engineering measures. Keep in a cool, dry, well ventilated area. Store at temperatures above 5 °C. Store at temperatures below 25 °C.
8.2.2. Individual protection measures	Adopt best Manual Handling considerations when handling, carrying and dispensing. Wear protective clothing. Wear suitable gloves and eye/face protection.
Eye / face protection	Avoid contact with eyes. Eye wash bottle with water. Provide eye wash station. Wear eye/face protection.
Skin protection - Handprotection	Wear suitable gloves.

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## 8.2. Exposure controls

Skin protection - Other	After contact with skin, wash immediately with plenty of water. Wear suitable protective clothing and gloves.
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## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Clear
Odour	Pleasant
Odour threshold	Not required
pH	6 - 7.5
Vapour pressure	Not required
Relative Vapour Density	Not required
Viscosity	Not determined
Solubility	Soluble in water

## 9.2. Other information

Conductivity	Not determined
Surface tension	Not determined
Specific gravity	1 - 1.1
Gas group	Not required

## 9.2.1. Information with regard to physical hazard classes

	No data available.
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## 9.2.2. Other safety characteristics

	No data available.
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## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	No reactivity hazards known under normal storage and use conditions.
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## 10.2. Chemical stability

	Stable under normal conditions.
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## 10.3. Possibility of hazardous reactions

	Keep only in the original container in a cool, well-ventilated place away from heat. No Significant Hazard. Will not decompose if stored and used as recommended. Do not mix with other detergents materials . Do not mix with bleach, acids, or strong oxidising agents.
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## 10.4. Conditions to avoid

	Do NOT allow to freeze. Keep away from heat. Keep in a cool, dry, well ventilated area. Keep only in the original container at a temperature not exceeding 25 °C. Store at temperatures between 5 °C and 25 °C.
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## 10.5. Incompatible materials

	No Significant Hazard. Will not decompose if stored and used as recommended.
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## 10.6. Hazardous decomposition products

	No Significant Hazard. Will not decompose if stored and used as recommended.
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## SECTION 11: Toxicological information

## 11.1.4. Toxicological Information

	No data available
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## 11.2 Information on other hazards

No data available.

## SECTION 12: Ecological information

## 12.1. Toxicity

Isopropanol	Daphnia EC50/48h: 4600.0000 mg/l	Fish LC50/96h: 9600.0000 mg/l
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## 12.6 Endocrine disrupting properties

No data available.

## 12.7 Other adverse effects

No data available.

## SECTION 13: Disposal considerations

## Disposal methods

For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used. Local and national regulations. This material and its container must be disposed of in a safe way.

## Disposal of packaging

Empty containers can be cleaned with water. Empty containers can be sent for disposal or recycling. Local and national regulations.

## SECTION 14: Transport information

## 14.1. UN number

The product is not classified as dangerous for carriage.

## 14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

## 14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

## 14.4. Packing group

The product is not classified as dangerous for carriage.

## 14.5. Environmental hazards

The product is not classified as dangerous for carriage.

## 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

## 14.7 Maritime Transport in bulk according to IMO instruments

The product is not classified as dangerous for carriage.

## SECTION 15: Regulatory information

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

Regulations	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing
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## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

	Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
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## 15.2. Chemical safety assessment

	A chemical safety assessment has not been carried out on the mixture.
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## SECTION 16: Other information

## Other information

<b>Revision</b>	This document differs from the previous version in the following areas:. 9 - 9.2.2. Other safety characteristics. 9 - 9.2.1. Information with regard to physical hazard classes. 11 - 11.2 Information on other hazards. 12 - 12.6 Endocrine disrupting properties. 12 - 12.7 Other adverse effects.
<b>Text of Hazard Statements in Section 3</b>	Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H336 - May cause drowsiness or dizziness. Eye Dam. 1: H318 - Causes serious eye damage.

## Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This 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 other process.
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