

## SAFETY DATA SHEET

according to Regulation (EU) 2020/878

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### Progenica Washer Disinfectant Detergent

Revision 4

Revision date 2023-01-25

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

##### 1.1. Product identifier

Product name	Progenica Washer Disinfectant Detergent
Product code	101095/1095/1095U/1096/1097/1098/2095/5095

##### 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 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	Skin Irrit. 2: H315; Eye Irrit. 2: H319;
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##### 2.2. Label elements

##### Hazard pictograms



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## 2.2. Label elements

<b>Signal Word</b>	Warning
<b>Hazard Statement</b>	Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation.
<b>Precautionary Statement: Prevention</b>	P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary Statement: Response</b>	P302+P352 - IF ON SKIN: Wash with plenty of water/ . P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321 - Specific treatment (see on this label). P332+P313 - If skin irritation occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention.

## 2.3. Other hazards

<b>Other hazards</b>	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
tetrasodium ethylene diamine tetraacetate. .	607-428-00-2	64-02-8	200-573-9		1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318;
1-hydroxyethylidenediphosphonic acid sodium salt		29329-71-3	249-559-4		10 - 20%	Acute Tox. 4: H302; Eye Irrit. 2: H319;
Disodium metasilicate	014-010-00-8	6834-92-0	229-912-9		1 - 10%	Skin Corr. 1B: H314; STOT SE 3: H335;
Sodium hydroxide	011-002-00-6	1310-73-2	215-185-5		0 - 0.5%	Skin Corr. 1A: H314;
Sodium gluconate		527-07-1	208-407-7		0.5 - 1%	
Acrylic acid	607-061-00-8	79-10-7	201-177-9		0 - 0.5%	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1A: H314; Aquatic Acute 1: H400;

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation</b>	Remove the affected person from the source of contamination immediately. Seek medical attention if irritation or symptoms persist.
<b>Eye contact</b>	Avoid contact with eyes. 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.
<b>Skin contact</b>	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.
<b>Ingestion</b>	DO NOT INDUCE VOMITING. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. If swallowed, rinse mouth with water (only if the person is conscious). 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

<b>Inhalation</b>	Remove the affected person from the source of contamination immediately. Seek medical attention if irritation or symptoms persist.
<b>Eye contact</b>	Avoid contact with eyes. Remove the affected person from the source of contamination immediately. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek

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

Skin contact	medical attention if irritation or symptoms persist.
	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. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist. Wash with water.
Ingestion	Remove the affected person from the source of contamination immediately. Rinse mouth thoroughly. Seek medical attention if irritation or symptoms persist. If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

## 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. Remove the affected person from the source of contamination immediately. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
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. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist. Wash with water.
Ingestion	Remove the affected person from the source of contamination immediately. Rinse mouth thoroughly. Seek medical attention if irritation or symptoms persist. If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

## 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

	Not considered a fire hazard. This product is not flammable. Do not allow runoff water to enter sewers or drains. Do not empty into drains. Do not empty into drains; dispose of this material and its container in a safe way.
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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. Avoid contact with eyes and skin. Wash with water. Wear suitable protective clothing, gloves and eye/face protection.
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### 6.2. Environmental precautions

	Spillages or uncontrolled discharges into water courses must be notified to National Rivers Authority. local and national regulations.
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### 6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Wear suitable protective clothing, gloves 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

	Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact
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## 7.1. Precautions for safe handling

	with eyes and skin. Handle and open container with care. Keep locked up and out of the reach of children. Keep only in the original container at a temperature not exceeding 25 °C. Wear suitable protective clothing, gloves and eye/face protection. When using do not eat, drink or smoke.
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## 7.2. Conditions for safe storage, including any incompatibilities

Suitable packaging	Keep container tightly closed and dry. Keep only in the original container at a temperature not exceeding 25 °C. Store in original container.
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## 7.3. Specific end use(s)

	Detergent.
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## Suitable packaging


	When using do not eat, drink or smoke.
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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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### 8.2. Exposure controls

	
8.2.1. Appropriate engineering controls	Control parameters. Engineering measures. Ensure adequate ventilation of the working area. Keep containers tightly closed. 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. Avoid contact with eyes and skin. Wash all contaminated clothing before reuse. Wear suitable gloves and eye/face protection. Wear suitable protective clothing. Wear suitable protective equipment.
Eye / face protection	Provide eye wash station. Wear eye/face protection.
Skin protection - Handprotection	Wear suitable gloves.
Skin protection - Other	After contact with skin, wash immediately with plenty of water. Wear suitable protective clothing.

## SECTION 9: Physical and chemical properties

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

Appearance	Liquid
Colour	Yellow
Odour	Mild
Odour threshold	Not required
pH	12 - 14
Initial boiling point	100
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
Gas group	Not required

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## 9.2.1. Information with regard to physical hazard classes

No data available.

## 9.2.2. Other safety characteristics

No data available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No reactivity hazards known under normal storage and use conditions.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Extremes of temperature. Do not mix with other detergent materials. Do not mix with bleach or strong oxidising agents. Will not decompose if stored and used as recommended. Some soft metals may be degraded in the washing process.

### 10.4. Conditions to avoid

Store at temperatures above 25 °C. Store at temperatures below 5 °C.

### 10.5. Incompatible materials

Avoid contact with: Other detergents materials. Do not mix with bleach or strong oxidising agents. Soft metals may be degraded in the washing process.

### 10.6. Hazardous decomposition products

Will not decompose if stored and used as recommended.

## SECTION 11: Toxicological information

### 11.1.4. Toxicological Information

No data available

### 11.2 Information on other hazards

No data available.

## SECTION 12: Ecological information

### 12.1. Toxicity

No data available

### 12.6 Endocrine disrupting properties

No data available.

### 12.7 Other adverse effects

No data available.

## SECTION 13: Disposal considerations

### Disposal methods

This material and its container must be disposed of in a safe way. Local and national regulations.

### Disposal of packaging

Containers can be recycled if in compliance with local and national regulations. Clean the empty container with plenty of water. Local and national regulations.

## SECTION 14: Transport information

### 14.1. UN number

The product is not classified as dangerous for carriage.

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## 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 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.

### 15.2. Chemical safety assessment

A chemical safety assessment has not been carried out on the mixture.

## SECTION 16: Other information

### Other information

#### Revision

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.

#### Text of Hazard Statements in Section 3

Acute Tox. 4: H302 - Harmful if swallowed.  
 Eye Irrit. 2: H319 - Causes serious eye irritation.  
 Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.  
 STOT SE 3: H335 - May cause respiratory irritation.  
 Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.  
 Skin Irrit. 2: H315 - Causes skin irritation.  
 Flam. Liq. 3: H226 - Flammable liquid and vapour.  
 Acute Tox. 4: H312 - Harmful in contact with skin.  
 Acute Tox. 4: H332 - Harmful if inhaled.  
 Aquatic Acute 1: H400 - Very toxic to aquatic life.

### 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

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**Further information**

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	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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