

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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Multi - Active 8 Pre Treatment Spray

Revision 3

Revision date 2021-02-10

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

1.1. Product identifier

| | |
|--------------|--------------------------------------|
| Product name | Multi - Active 8 Pre Treatment Spray |
| Product code | All |

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

| | |
|-------------|------------|
| Description | Detergent. |
|-------------|------------|

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 |
|----------------------------|---|

Further information


Contact out of hours: 07734 874648 Mr A Arnold.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| | |
|--------------------------------------|-------------------|
| 2.1.2. Classification - EC 1272/2008 | Eye Dam. 1: H318; |
|--------------------------------------|-------------------|

2.2. Label elements

| | |
|-------------------|---|
| Hazard pictograms |  |
| Signal Word | Danger |
| Hazard Statement | Eye Dam. 1: H318 - Causes serious eye damage. |

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2.2. Label elements

| | |
|--|---|
| Precautionary Statement: Prevention | 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. P310 -Immediately call a POISON CENTER/doctor/ . |

2.3. Other hazards

| | |
|----------------------|---|
| Other hazards | This product is not classed as a PBT Substance. |
|----------------------|---|

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 |
|--|--------------|------------|-----------|---------------------------|--------------|---|
| Amines,c12-18-Alkyldimethyl,N-oxides | | | | | | Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Acute 1: H400; |
| (2 - methoxymethylethylethoxy) propanol ((2-methoxymethylethoxy) propanol) | | 34590-94-8 | 252-104-2 | | | |
| poly(ethylene glycol) | | 25322-68-3 | | | | |
| boric acid powder | 005-007-00-2 | 10043-35-3 | 233-139-2 | | | Repr. 1B: H360Fd; |
| Subtilisin (Subtilisins (Bacillus subtilis Carlsberg)) | 647-012-00-8 | 9014-01-1 | 232-752-2 | | | STOT SE 3: H335; Skin Irrit. 2: H315; Eye Dam. 1: H318; Resp. Sens. 1: H334; |

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|--------------------|--|
| Inhalation | If you feel unwell, seek medical advice (show the label where possible). In case of accident by inhalation: remove casualty to fresh air and keep at rest. |
| Eye contact | Bathe the eye with running water for 15 minutes. |
| Ingestion | Rinse mouth thoroughly. Seek medical attention if irritation or symptoms persist. |

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

| | |
|---------------------|--|
| Inhalation | If you feel unwell, seek medical advice (show the label where possible). |
| Eye contact | Bathe the eye with running water for 15 minutes. Seek medical attention if irritation or symptoms persist. |
| Skin contact | After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Avoid contact with skin. Seek medical attention if irritation or symptoms persist. |
| Ingestion | Rinse mouth thoroughly. Seek medical attention if irritation or symptoms persist. |

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

| | |
|---------------------|--|
| Inhalation | Seek medical attention if irritation or symptoms persist. |
| Eye contact | Bathe the eye with running water for 15 minutes. Seek medical attention if irritation or symptoms persist. |
| Skin contact | After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Avoid contact with skin. Seek medical attention if irritation or symptoms persist. |
| Ingestion | Rinse mouth thoroughly. Seek medical attention if irritation or symptoms persist. |

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--|--|
| | Product is water based and is not combustilble.Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers. |
|--|--|

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5.2. Special hazards arising from the substance or mixture

| | |
|--|----------------------------------|
| | In combustion emits toxic fumes. |
|--|----------------------------------|

5.3. Advice for firefighters

| | |
|--|--|
| | In case of fire and/or explosion do not breathe fumes. Protective equipment. Self-contained breathing apparatus. |
|--|--|

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. 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. Wash with water. Wear suitable protective clothing, gloves and eye/face protection. |
|--|---|

6.2. Environmental precautions

| | |
|--|--|
| | Do not empty into drains; dispose of this material and its container in a safe way. Wash with water. |
|--|--|

6.3. Methods and material for containment and cleaning up

| | |
|--|--|
| | Absorb with inert, absorbent material. Clean spillage area thoroughly with plenty of water. Do not empty into drains; dispose of this material and its container in a safe way. Empty containers can be cleaned with water. Empty containers can be sent for disposal or recycling. Wash with water. |
|--|--|

6.4. Reference to other sections

| | |
|--|---|
| | See section 2,3,8,13 for further information. |
|--|---|

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

| | |
|--|---|
| | Adopt best Manual Handling considerations when handling, carrying and dispensing. After contact with skin, wash immediately with plenty of water. Keep only in the original container. Keep out of the reach of children. Wear suitable protective clothing and eye/face protection. When using do not eat, drink or smoke. |
|--|---|

7.2. Conditions for safe storage, including any incompatibilities

| | |
|--|--|
| | Store at temperatures between 5 °C and 25 °C. Store in original container. |
|--|--|

7.3. Specific end use(s)

| | |
|--|------------|
| | Detergent. |
|--|------------|

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

| | |
|--|--|
| | See section 8.2 for further information. |
|--|--|

8.1.1. Exposure Limit Values

| | | |
|---|--|--|
| (2 - methoxymethylethoxy) propanol (2-methoxymethylethoxy) propanol) | WEL 8-hr limit ppm: 50 | WEL 8-hr limit mg/m3: 308 |
| | WEL 15 min limit ppm: - | WEL 15 min limit mg/m3: - |
| | WEL 8-hr limit mg/m3 total - inhalable dust: | WEL 15 min limit mg/m3 total - inhalable dust: |
| | WEL 8-hr limit mg/m3 total - respirable dust: | WEL 15 min limit mg/m3 total - respirable dust: |

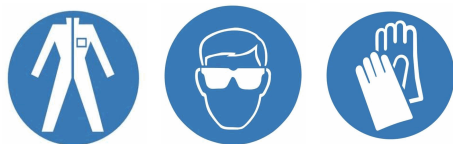
8.2. Exposure controls

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8.2. Exposure controls



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--------------------------|------------------|
| Appearance | Liquid |
| Colour | Blue |
| Odour | Slight |
| pH | 8.5 - 9.5 |
| Melting point | Not determined |
| Freezing Point | Not determined |
| Initial boiling point | Not determined |
| Evaporation rate | Not determined |
| Vapour pressure | Not applicable. |
| Vapour density | Not determined |
| Fat Solubility | Not determined |
| Partition coefficient | Not determined |
| Viscosity | Not determined |
| Explosive properties | Not relevant |
| Oxidising properties | Not determined |
| Autoignition temperature | 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 applicable. |
| Benzene Content | Not relevant |
| Lead content | Not relevant |
| VOC (Volatile organic compounds) | Not relevant |

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

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Heat.

10.5. Incompatible materials

Strong acids. Strong oxidising agents.

10.6. Hazardous decomposition products

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10.6. Hazardous decomposition products

In combustion emits toxic fumes.

SECTION 11: Toxicological information

11.1.4. Toxicological Information

No data available

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.3. Bioaccumulative potential

Partition coefficient

Multi - Active 8 Pre Treatment
Spray Not determined

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Contact a licensed waste disposal company.

Disposal methods

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

Disposal of packaging

Dispose of in compliance with all local and national regulations. Can be recycled if in compliance with local and national regulations. Empty containers can be cleaned with water. This material and its container must be disposed of in a safe way.

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. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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,

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

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 this mixture.

SECTION 16: Other information**Other information**

| | |
|---|--|
| Revision | This document differs from the previous version in the following areas: 12 - 12.1. Toxicity. |
| Text of Hazard Statements in Section 3 | Acute Tox. 4: H302 - Harmful if swallowed. Skin Irrit. 2: H315 - Causes skin irritation. Eye Dam. 1: H318 - Causes serious eye damage. Aquatic Acute 1: H400 - Very toxic to aquatic life. Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled. STOT SE 3: H335 - May cause respiratory irritation. |

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.