# SAFETY DATA SHEET
## ALTROCLEAN 44+

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

### 1.1. Product identifier

<table>
<thead>
<tr>
<th>Product name</th>
<th>ALTROCLEAN 44+</th>
</tr>
</thead>
</table>

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

Identified uses: Detergent preparation for safety flooring.

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

<table>
<thead>
<tr>
<th>Supplier</th>
<th>Altro Ltd</th>
</tr>
</thead>
<tbody>
<tr>
<td>Works Road</td>
<td>Letchworth Garden City</td>
</tr>
<tr>
<td>Herts</td>
<td>SG6 1NW</td>
</tr>
<tr>
<td>UK</td>
<td>+44 (0) 1462 480480</td>
</tr>
<tr>
<td><a href="mailto:sds@altro.com">sds@altro.com</a></td>
<td></td>
</tr>
</tbody>
</table>

### 1.4. Emergency telephone number

| Emergency telephone | +44(0)1462480480 (Monday-Friday 09.00-17.00) |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification (EC 1272/2008)**

- **Physical hazards**: Not Classified
- **Health hazards**: Eye Dam. 1 - H318
- **Environmental hazards**: Not Classified

### 2.2. Label elements

<table>
<thead>
<tr>
<th>Pictogram</th>
<th>Signal word</th>
<th>Hazard statements</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Pictogram" /></td>
<td>Danger</td>
<td>H318 Causes serious eye damage.</td>
</tr>
</tbody>
</table>

**Precautionary statements**

- 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.
- P280 Wear eye and face protection.
- P102 Keep out of reach of children.
- P501 Dispose of contents/ container in accordance with national regulations.

**Detergent labelling**

- < 5% anionic surfactants, < 5% non-ionic surfactants, perfumes
### ALTROCLEAN 44+

#### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>1-5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disodium Metasilicate Pentahydrate</td>
<td>CAS number: 6834-92-0</td>
</tr>
<tr>
<td></td>
<td>EC number: 229-912-9</td>
</tr>
<tr>
<td></td>
<td>REACH registration number: 01-2119449811-37-XXXX</td>
</tr>
<tr>
<td><strong>Classification</strong></td>
<td></td>
</tr>
<tr>
<td>Skin Corr. 1B - H314</td>
<td></td>
</tr>
<tr>
<td>Eye Dam. 1 - H318</td>
<td></td>
</tr>
<tr>
<td>STOT SE 3 - H335</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>1-5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</td>
<td>CAS number: 68891-38-3</td>
</tr>
<tr>
<td></td>
<td>EC number: 500-234-8</td>
</tr>
<tr>
<td></td>
<td>REACH registration number: 01-2119488639-16-XXXX</td>
</tr>
<tr>
<td><strong>Classification</strong></td>
<td></td>
</tr>
<tr>
<td>Skin Irrit. 2 - H315</td>
<td></td>
</tr>
<tr>
<td>Eye Dam. 1 - H318</td>
<td></td>
</tr>
<tr>
<td>Aquatic Chronic 3 - H412</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>1-5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohols, C6-12, ethoxylated</td>
<td>CAS number: 68439-45-2</td>
</tr>
<tr>
<td><strong>Classification</strong></td>
<td></td>
</tr>
<tr>
<td>Acute Tox. 4 - H302</td>
<td></td>
</tr>
<tr>
<td>Eye Dam. 1 - H318</td>
<td></td>
</tr>
</tbody>
</table>

The full text for all hazard statements is displayed in Section 16.

#### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- **Inhalation**: Remove person to fresh air and keep comfortable for breathing.
- **Ingestion**: Do not induce vomiting. Get medical attention immediately.
- **Skin contact**: Rinse immediately with plenty of water. Take off contaminated clothing and wash it before reuse. Get medical attention if any discomfort continues.
- **Eye contact**: Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention. Remove any contact lenses and open eyelids wide apart. Rinse with water. Get medical attention immediately.

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

- **Eye contact**: Causes serious eye damage. May cause blurred vision and serious eye damage.

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

- **Notes for the doctor**: No specific recommendations.

#### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media
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Suitable extinguishing media
The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products
Oxides of carbon.

5.3. Advice for firefighters

Special protective equipment for firefighters
Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions
Follow precautions for safe handling described in this safety data sheet. Take precautionary measures against static discharges. Provide adequate ventilation.

6.2. Environmental precautions

Environmental precautions
Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up
Absorb spillage with inert, damp, non-combustible material. Flush contaminated area with plenty of water. Collect and place in suitable waste disposal containers and seal securely. Dispose of contents/container in accordance with local regulations.

6.4. Reference to other sections

Reference to other sections
Wear protective clothing as described in Section 8 of this safety data sheet.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions
Avoid contact with skin and eyes.

Advice on general occupational hygiene
When using do not eat, drink or smoke. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions
Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.

7.3. Specific end use(s)

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

8.2. Exposure controls

Protective equipment
Provide adequate ventilation.
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Eye/face protection
Wear eye protection. EN 166:2001

Hand protection
Wear protective gloves made of the following material: Nitrile rubber. The breakthrough time for any glove material may be different for different glove manufacturers.

Hygiene measures
Wash at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection
Respiratory protection not required.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance
Clear liquid.

Colour
Green.

Odour
Citrus.

Odour threshold
No information available.

pH
pH (concentrated solution): 13.07

Melting point
No information available.

Initial boiling point and range
100°C

Flash point
Not applicable.

Evaporation rate
No information available.

Evaporation factor
No information available.

Upper/lower flammability or explosive limits
No information available.

Vapour pressure
No information available.

Vapour density
No information available.

Relative density
~ 1.05

Bulk density
No information available.

Solubility(ies)
Miscible with water.

Partition coefficient
No information available.

Auto-ignition temperature
No information available.

Decomposition Temperature
No information available.

Explosive properties
No information available.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity
Reactivity
There are no known reactivity hazards associated with this product.

10.2. Chemical stability
Stability
Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions
Possibility of hazardous reactions
No potentially hazardous reactions known.
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10.4. Conditions to avoid

Conditions to avoid No specific requirements are anticipated under normal conditions of use.

10.5. Incompatible materials

Materials to avoid Avoid contact with the following materials: Strong acids. Strong alkalis.

10.6. Hazardous decomposition products

Hazardous decomposition products Not known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral
ATE oral (mg/kg) 29,239.77

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

SECTION 12: Ecological Information

Ecotoxicity The product is not expected to be hazardous to the environment.

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

Bioaccumulative potential Not determined.

Partition coefficient No information available.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of waste product or used containers in accordance with local regulations

Disposal methods Dispose of contents/container in accordance with local regulations.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.
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14.4. Packing group
Not applicable.

14.5. Environmental hazards
Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user
Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code
Transport in bulk according to
Annex II of MARPOL 73/78
and the IBC Code
Not applicable.

SECTION 15: Regulatory information

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

15.2. Chemical safety assessment

SECTION 16: Other information

Revision comments
NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date
11/01/2019

Revision
6

SDS number
21721

Hazard statements in full
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H412 Harmful to aquatic life with long lasting effects.

Signature
Daniel Higgs

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.