

**SAFETY DATA SHEET**  
**STERI FOAM****SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1. Product identifier**

Product name                      STERI FOAM

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

Identified uses                      Heavy Duty Cleaner

**1.3. Details of the supplier of the safety data sheet**Supplier                              Aztec Chemicals  
Unit 16, University Way  
Orion Park  
Crewe  
Cheshire  
CW1 6NG  
+ 44 (0) 1270 655500 (T)  
+ 44 (0) 1270 655501 (F)  
info@aztecchemicals.com**1.4. Emergency telephone number**

+44 (0)7831 300868

**SECTION 2: HAZARDS IDENTIFICATION****2.1. Classification of the substance or mixture**

Classification (1999/45/EEC)      C;R34.

**2.2. Label elements**

Contains                              SODIUM HYDROXIDE

**Labelling**

Corrosive

**Risk Phrases**

R34                                      Causes burns.

**Safety Phrases**S1/2                                      Keep locked up and out of the reach of children.  
S23                                      Do not breathe vapour/spray.  
S24/25                                  Avoid contact with skin and eyes.  
S26                                      In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S27/28                                  After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.  
S36/37/39                              Wear suitable protective clothing, gloves and eye/face protection.  
S45                                      In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).  
S51                                      Use only in well-ventilated areas.  
S64                                      If swallowed, rinse mouth with water (only if the person is conscious).**2.3. Other hazards****SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures**

## STERI FOAM

|   |  |  |
|---|--|--|
| <b>PROPAN-2-OL</b>  |  | <b>1-5%</b>                                  |
| <b>CAS-No.: 67-63-0</b>   | <b>EC No.: 200-661-7</b>                                   | <b>Registration Number: 01-2119457558-25</b> |
| Classification (EC 1272/2008)<br>Flam. Liq. 2 - H225<br>Eye Irrit. 2 - H319<br>STOT SE 3 - H336                               | Classification (67/548/EEC)<br>F;R11<br>Xi;R36<br>R67      |  |
| <b>QUATERNARY AMMONIUM COMPOUNDS</b>  |  | <b>1-5%</b>                                  |
| <b>CAS-No.: 63449-41-2</b>  | <b>EC No.: 264-151-6</b>                                   | <b>Registration Number: N/A</b>              |
| Classification (EC 1272/2008)<br>Acute Tox. 4 - H302<br>Acute Tox. 4 - H312<br>Skin Corr. 1B - H314<br>Aquatic Acute 1 - H400 | Classification (67/548/EEC)<br>C;R34<br>Xn;R21/22<br>N;R50 |  |
| <b>SODIUM HYDROXIDE</b>   |  | <b>1-5%</b>                                  |
| <b>CAS-No.: 1310-73-2</b>   | <b>EC No.: 215-185-5</b>                                   | <b>Registration Number: 01-2119457892-27</b> |
| Classification (EC 1272/2008)<br>Skin Corr. 1A - H314   | Classification (67/548/EEC)<br>C;R35                       |  |
| <b>SODIUM SILICATE</b>  |  | <b>10-30%</b>                                |
| <b>CAS-No.: 1344-09-8</b>   | <b>EC No.: 215-687-4</b>                                   | <b>Registration Number: 01-2119448725-31</b> |
| Classification (EC 1272/2008)<br>Skin Irrit. 2 - H315<br>Eye Dam. 1 - H318  | Classification (67/548/EEC)<br>Xi;R38,R41.                 |  |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General information

CAUTION! First Aid personnel must be aware of own risk of burns. Chemical burns must be dealt with immediately, do not delay.

#### Inhalation

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues.

#### Ingestion

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Drink plenty of water. Get medical attention immediately!

#### Skin contact

Immediately remove contaminated clothing. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention immediately!

#### Eye contact

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

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

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

## SECTION 5: FIREFIGHTING MEASURES

## STERI FOAM

### 5.1. Extinguishing media

#### Extinguishing media

The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials. Dry chemicals, sand, dolomite etc. Foam. Water spray.

### 5.2. Special hazards arising from the substance or mixture

### 5.3. Advice for firefighters

#### Special Fire Fighting Procedures

Use water to keep fire exposed containers cool and disperse vapours.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

### 6.2. Environmental precautions

### 6.3. Methods and material for containment and cleaning up

Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Inform Authorities if large amounts are involved.

### 6.4. Reference to other sections

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid spilling, skin and eye contact.

### 7.2. Conditions for safe storage, including any incompatibilities

Store separated from: Acids.

#### Storage Class

Corrosive storage.

### 7.3. Specific end use(s)

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

| Name             | STD | TWA - 8 Hrs |                       | STEL - 15 Min |                        | Notes |
|------------------|-----|-------------|-----------------------|---------------|------------------------|-------|
|                  |     |             |                       |               |                        |       |
| PROPAN-2-OL      | WEL | 400 ppm     | 999 mg/m <sup>3</sup> | 500 ppm       | 1250 mg/m <sup>3</sup> |       |
| SODIUM HYDROXIDE | WEL |             |                       |               | 2 mg/m <sup>3</sup>    |       |

WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

#### Protective equipment



#### Process conditions

Use engineering controls to reduce air contamination to permissible exposure level.

#### Engineering measures

Provide adequate general and local exhaust ventilation.

#### Respiratory equipment

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

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**Hand protection**

Use protective gloves.

**Eye protection**

Wear full-face visor or shield.

**Other Protection**

Wear suitable protective clothing as protection against splashing or contamination.

**Hygiene measures**

Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Contaminated clothing to be placed in closed container until disposal or decontamination. Warn cleaning personnel of chemical's hazardous properties.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

|                                 |                   |
|---------------------------------|-------------------|
| <b>Appearance</b>               | Clear liquid.     |
| <b>Colour</b>                   | Colourless.       |
| <b>Odour</b>                    | Odour of alcohol. |
| <b>Solubility</b>               | Soluble in water. |
| <b>Relative density</b>         | 1.095 @ 20°C      |
| <b>pH-Value, Conc. Solution</b> | > 13.0            |

### 9.2. Other information

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

Avoid contact with acids.

### 10.5. Incompatible materials

### 10.6. Hazardous decomposition products

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

**Inhalation**

May cause damage to mucous membranes in nose, throat, lungs and bronchial system.

**Ingestion**

Causes burns. Harmful if swallowed.

**Skin contact**

Causes burns.

**Eye contact**

Causes burns. Risk of serious damage to eyes.

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity**

Not regarded as dangerous for the environment.

## STERI FOAM

12.1. Toxicity12.2. Persistence and degradability12.3. Bioaccumulative potential12.4. Mobility in soil12.5. Results of PBT and vPvB assessment12.6. Other adverse effects**SECTION 13: DISPOSAL CONSIDERATIONS**13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

**SECTION 14: TRANSPORT INFORMATION**14.1. UN number

|                      |      |
|----------------------|------|
| UN No. (ADR/RID/ADN) | 1760 |
| UN No. (IMDG)        | 1760 |
| UN No. (ICAO)        | 1760 |

14.2. UN proper shipping name

Proper Shipping Name Corrosive Liquids, N.O.S. (Sodium Hydroxide, Sodium silicate)

14.3. Transport hazard class(es)

|                     |                                |
|---------------------|--------------------------------|
| ADR/RID/ADN Class   | 8                              |
| ADR/RID/ADN Class   | Class 8: Corrosive substances. |
| ADR Label No.       | 8                              |
| IMDG Class          | 8                              |
| ICAO Class/Division | 8                              |
| Transport Labels    |                                |

14.4. Packing group

|                           |     |
|---------------------------|-----|
| ADR/RID/ADN Packing group | III |
| IMDG Packing group        | III |
| ICAO Packing group        | III |

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant  
No.

14.6. Special precautions for user

## STERI FOAM

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

#### SECTION 15: REGULATORY INFORMATION

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

#### **Uk Regulatory References**

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments. Chemicals (Hazard Information & Packaging) Regulations.

#### **Statutory Instruments**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health. The Aerosol Dispensers Regulations 1977 & 1999

#### **Approved Code Of Practice**

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply. British Aerosol Manufacturers Code of Practice 7th. Edition 1999

#### **Guidance Notes**

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

#### **EU Legislation**

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC.

### 15.2. Chemical Safety Assessment

#### SECTION 16: OTHER INFORMATION

|                                 |            |
|---------------------------------|------------|
| <b>SDS No.</b>                  | 10564      |
| <b>Safety Data Sheet Status</b> | Approved.  |
| <b>Date</b>                     | 10.05.2013 |

#### **Risk Phrases In Full**

|        |  |
|--------|--|
| R34    | Causes burns.                                  |
| R35    | Causes severe burns.                           |
| R21/22 | Harmful in contact with skin and if swallowed. |
| R11    | Highly flammable                               |
| R36    | Irritating to eyes.                            |
| R38    | Irritating to skin.                            |
| R41    | Risk of serious damage to eyes.                |
| R67    | Vapours may cause drowsiness and dizziness.    |
| R50    | Very toxic to aquatic organisms.               |

#### **Hazard Statements In Full**

|      |  |
|------|--|
| H318 | Causes serious eye damage.               |
| H319 | Causes serious eye irritation.           |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation.                  |
| H302 | Harmful if swallowed.                    |
| H312 | Harmful in contact with skin.            |
| H225 | Highly flammable liquid and vapour.      |
| H336 | May cause drowsiness or dizziness.       |
| H400 | Very toxic to aquatic life.              |

#### Disclaimer

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.