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## SAFETY DATA SHEET

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

#### 1.1. Product identifier

Product name: **STERIFOAM SUPER**

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

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

AGRI-LINC LIMITED  
RANDALLS FARM  
SCOTTLETHORPE ROAD  
EDENHAM  
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LINCS  
PE10 0LN

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### Section 2: Hazards identification

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

Classification according to (EC) NO 1272/2008

Hazard Class/Category of danger  
Eye Damage

Hazard Statements  
Category I H318

#### 2.2. Label elements

Classification according to Regulation (EC) No 1272/2008

Hazard Class  
Causes severe Eye Damage

Hazard Category  
Category 1A

Hazard Statements  
H318

Labelling according to Regulation (EC) No 1272/2008

Hazard Symbols:  
GH505 Corrosion



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Signal word: **Danger**

Hazard Statements: **H318: Causes severe eye damage**

Precautionary Statements:

General:

P102: Keep out of reach of children (Recommended for the general public only)

Prevention:

P280: Wear protective gloves/eye protection

Response:

P303 + P361 + P353: If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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 doctor/qualified first aider

Disposal:

P501: Dispose of contents/container to in accordance with local/national regulations

### 2.3. Other hazards

This Product does not contain any PBT or vPvB substances

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

Name	EC No	CAS-No	Registration No	Classification 67/548/EEC	Classification EC/1272/2008	Concentration Range
Tetrasodium ethylenediamine tetraacetate	200-573-9	64-02-8	01-2119486762 -27-xxxx	R22, R41	Acute Tox 4 H332 Eye Damage 1 H318	1-5%
Ethoxylated alcohol with 6.5 MEO	Polymer	68439-45-2	Pre-registered	Harmful R22, R41	Acute Tox 4 H302 Eye Damage 1 H318	1-5%
Sodium Hydroxide	215-185-5	1310-73-2	01-2119457892- 27-xxxx	Corrosive R35	Eye Damage 1 H318 Skin Corr 1A H314	<5%
Fatty acid amino alkyl betaine	931-296-8	90387-76-1	01-2119488533 -30-xxxx	R41	Eye Damage 1 H318 Aqua Chronic 3 H412	1-5%

## Section 4: First aid measures

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### 4.1. Description of first aid measures

Skin contact: Wash with soap and water

Eye contact: Immediately wash out the eye with plenty of water for at least 10 minutes holding the eye open. Seek medical attention if symptoms persist

Ingestion: Wash out mouth with water and give sips of cold water to soothe the affected parts. Do not induce vomiting

Inhalation: Remove to fresh air. If symptoms persist, seek medical advice

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

No further information available

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

Immediate/special treatment: Treat symptomatically

## Section 5: Fire fighting measures

### 5.1. Extinguishing media

Extinguishing media:

Suitable Extinguishing Media: In the event of a fire due to other causes the product is compatible with water, foam, carbon dioxide and dry powder extinguishers.

Unsuitable Extinguishing Media : None

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

Exposure hazards: Non-flammable, if involved in a fire may emit noxious fumes.

### 5.3. Advise for fire-fighters

Advice for fire-fighters:

Wear self contained breathing apparatus and protective clothing.

Cool closed containers exposed to the fire with water spray.

Prevent water run-off from discharging into drains.

## Section 6: Accidental release measures

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

Personal precautions: protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

### 6.2. Environmental precautions

Environmental precautions:

Inform authorities in case of contamination of water or sewage system.

Do not allow product to soak into drains or water courses.

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

Clean-up procedures:

Hose away with plenty of water diluting to at least 5% w/v (50 g / litre) unless this would contaminate a water course or vegetation , in which case absorb onto dry sand or similar material and dispose of to a licensed waste management company

### 6.4. Reference to other sections

Reference to other sections:

For personal protection refer to section 8

## Section 7: Handling and storage

### 7.1. Precaution for safe handling

Handling requirements:

Avoid contact with eyes and skin. Do not mix with any chemicals unless advised by Supplier.

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

Storage conditions:

Store upright in original closed containers in a cool place. Keep containers tightly closed.

### 7.3. Specific end use(s)

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

Workplace exposure limits:

Exposure limit values:

Ingredient Name		8hr TWA	15min STEL
Sodium Hydroxide	WEL	-	2mg/m <sup>3</sup>

### DNEL/PNEC Values

### 8.2. Exposure controls

Respiratory Protection:	Unlikely to be necessary where adequate ventilation is provided.
Eyes:	Eye/face protection should be worn. Eye baths should be provided
Hand:	PVC or rubber gloves are recommended.
Skin:	Waterproof clothing, boots/shoes. Remove contaminated clothing and wash with soap and water.

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### 8.2. Environmental controls

Dispose only in accordance with Local and National Authority regulations.

## Section 9: Physical and chemical properties

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

Appearance:	Dark Green Fluid
Odour:	Mild
Odour Threshold:	Not determined
pH Neat:	12.9
pH at 5% diluted	11.2
Freezing Point:	0°C typical
Initial Boiling Point & Boiling Range:	100°C typical
Flash Point:	Not applicable
Evaporation rate:	Not determined
Flammability:	Not Flammable
Upper/Lower Flammability Limits:	Not applicable
Vapour Pressure:	Not determined
Vapour Density:	Not determined
Relative Density:	1.150 c/St typical @ 20°C
Solubility:	Soluble in water
Partition Coefficient (Oct/Water):	Not determined
Auto Ignition Temperature:	Not applicable
Decomposition Temperature:	>100°C
Viscosity:	As water
Explosive Properties:	Not applicable
Oxidising Properties:	Not applicable

### 9.2. Other information

Volatile Organic Compound (VOC) 0g/litre (NONE)

## Section 10: Stability and reactivity

Other information:  
None

### 10.1. Reactivity

Reactivity:  
No specific reactivity hazards associated with this product.

### 10.2. Chemical stability

Chemical stability:  
No decomposition if stored and applied as directed.  
Stable under normal temperature conditions

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### 10.3. Possibility of hazardous reactions

Hazardous reactions:  
No information available.

### 10.4. Conditions to avoid

Conditions to avoid:  
High temperatures and frost

### 10.5. Incompatible materials

Materials to avoid:  
Avoid contact with acids, aluminium, tin, zinc or alloys containing these metals, strong oxidising agents.

### 10.6. Hazardous decomposition products

No specific hazardous decomposition products  
Product is stable under normal conditions.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Eyes:** Classified as a serious eye irritant. Contact with the eyes likely to cause strong irritation. No permanent damage if treated immediately.

**Skin:** Not classified as a skin irritant. Exposure to the skin is likely to cause irritation.

**Inhalation:** Not a significant hazard. Exposure to mist or spray may cause irritation to eyes and respiratory tract.

**Ingestion:** Swallowing of significant amounts may lead to discomfort, vomiting and diarrhea.

Acute Toxicity:	Tetrasodium ethylenediamine tetraacetate	LD50 Oral(rat)	>2000 mg/kg
	Ethoxylated Alcohol	LD50 Oral (rat)	>2000 mg/kg
	Sodium Hydroxide	LD50 Oral (rat)	>2000 mg/kg
	Fatty acid amino alkyl betaine	LD50 Oral (rat)	<2000 mg/kg

## Section 12: Ecological information

### 12.1. Toxicity

Eco-toxicity:	Tetrasodium ethylenediamine tetraacetate	LC50 96hrs (fish)	114-470 mg/l
		EC50 48hrs (daphnia)	560-1000 mg/l
	Ethoxylated Alcohol	LC50 96hrs (fish)	1-10 mg/l
		EC50 48hrs (daphnia)	1-10 mg/l
	Sodium Hydroxide	LC50 96hrs (fish)	80-85 mg/l
		EC50 48hrs (daphnia)	40-240 mg/l
	Fatty acid amino alkyl betaine	LC50 96hrs (fish)	1-10 mg/l
		EC50 48hrs (daphnia)	1-10 mg/l

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### 12.2. Persistence

#### Degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer. The product is biodegradable, but it must not be discharged into drains without permission from the authorities.  
Ecological information on ingredients.

#### Degradability

The product is biodegradable.                      Tetrasodium ethylenediamine tetraacetate (CAS: 64-02-8)

#### Degradability

The product is biodegradable.                      Ethoxylated Alcohol (CAS: 68439-45-2)

#### Degradability

The product is biodegradable.                      Sodium Hydroxide (CAS: 1310-73-2)

#### Degradability

The product is biodegradable.                      Fatty acid amino alkyl betaine (CAS: 90387-76-1)

### 12.3. Bioaccumulative potential

#### Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.  
Partition coefficient < 0

Ecological information on ingredients.

#### Bioaccumulative potential

   Tetrasodium ethylenediamine tetraacetate (CAS:64-02-8)  
The product does not contain any substances expected to be bioaccumulating.

#### Bioaccumulative potential

   Ethoxylated Alcohol (CAS: 68439-45-2)  
The product does not contain any substances expected to be bioaccumulating.

#### Bioaccumulative potential

   Sodium Hydroxide (CAS: 1310-73-2)  
The product does not contain any substances expected to be bioaccumulating.

#### Bioaccumulative potential

   Fatty acid amino alkyl betaine (CAS: 90387-76-1)  
The product does not contain any substances expected to be bioaccumulating.

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### 12.4. Mobility in soil

**Mobility:**

The product is soluble in water.

Ecological information on ingredients.

**Mobility:**

The product is soluble in water.

Tetrasodium ethylenediamine tetraacetate (CAS: 64-02-8)

**Mobility:**

The product is soluble in water.

Ethoxylated Alcohol (CAS: 68439-45-2)

**Mobility:**

The product is soluble in water.

Sodium Hydroxide(CAS: 1310-73-2)

**Mobility:**

The product is soluble in water.

Fatty acid amino alkyl betaine (CAS: 90387-76-1)

### 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances. Ecological information on ingredients.

Tetrasodium ethylenediamine tetraacetate

Ethoxylated Alcohol

Sodium Hydroxide

Fatty acid amino alkyl betaine

Not Classified as PBT/vPvB by current EU criteria.

### 12.6. Other adverse effects

Non Known

## Section 13: Disposal considerations

General information

### 13.1. Waste treatment methods

The packaging must be empty (drop-free, when inverted).

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

Packaging: Recover and reclaim or recycle, if practical.

## Section 14: Transport information

### 14.1. UN Number

1719



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### I4.2. UN Proper shipping name

ADR Caustic Alkali Liquid NOS (Contains Sodium Hydroxide)  
 IMDG Caustic Alkali Liquid NOS (Contains Sodium Hydroxide)

### I4.3. Transport hazard classes

ADR Class	:	8
Hazard ID No.	:	80
Classification code	:	C5
Tunnel restriction code	:	E
Labels	:	Class 8



IMDG Class	:	8
EMS	:	F-A, S-B
Labels	:	Class 8



### I4.4. Packing group

ADR	:	III
IMDG	:	III

### I4.5. Environmental hazards

Labelling according to 5.2.1.8 ADR	:	No
Labelling according to 5.2.1.6.3 IMDG	:	No
Classified as 'P' Marine pollutant according to 2.10 IMDG	:	No

### I4.6. Special precautions for user

No special precautions

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### 14.7. Transport in bulk according to Annex II of Marpol 73/78 and the IBC code

No information

## Section 15: Regulatory information

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

Specific regulations:

Safety data sheet according to Regulation (EC) No. 453/2010.

1907/2006/EC - Registration, Evaluation, Authorisation and Restriction of Chemicals and amendments.

98/24/EC - Protection of workers from the risk related to chemical agents at work.

Refer to Directive for details of requirements.

Refer to the relevant EU/national regulation for details of any actions or restrictions required by the above Regulation(s)/Directive(s).

The regulatory information provided may not be comprehensive.

Other regulations may apply to this product.

### 15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out for the mixture by the supplier

## Section 16: Other information

Full text of H-Statements referred to under sections 2 & 3

H318: Causes serious eye damage

H302: Harmful if swallowed

H314: Causes severe skin burns and eye damage

H332: Harmful if inhaled

H335: May cause respiratory irritation

H412: Harmful to aquatic life with long lasting effects

This data sheet is prepared in accordance with commission Regulations (EU) No. 453/2010 section 16

Legal Disclaimer

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide.

This company shall not be held liable for any damage resulting from handling or from contact with the above product.

SDS Prepared 1st June 2015