

# SAFETY DATA SHEET

## CAUSTIC SUPER

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

#### 1.1. Product identifier

CAUSTIC SUPER

Product name

7393

Product number

5L / 25L / 200L / 1000L IBC's &amp; BULK

Container size

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

Identified uses

Detergent.

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

Supplier

SKY AGRO LTD

UNIT C,

WEST MARCH INDUSTRIAL

ESTATE, DAVENTRY

NORTHAMPTON, NN11 4SA

UK

info@skymalt.com

#### 1.4. Emergency telephone number

Emergency telephone

+44 7868 494791

### SECTION 2: Hazards identification

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

##### Classification (EC 1272/2008)

Physical hazards

Not Classified

Health hazards

Skin Corr. 1A - H314 Eye Dam. 1 - H318

Environmental hazards

Not Classified

#### 2.2. Label elements

Pictogram



Signal word

Danger

Hazard statements

H314 Causes severe skin burns and eye damage.

## CAUSTIC SUPER

### Precautionary statements

P260 Do not breathe vapour/ spray.  
 P264 Wash contaminated skin thoroughly after handling.  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.  
 Rinse skin with water or shower.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 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.  
 P321 Specific treatment (see medical advice on this label).  
 P363 Wash contaminated clothing before reuse.  
 P405 Store locked up.  
 P501 Dispose of contents/ container in accordance with national regulations.

### Contains

sodium hydroxide, tetrasodium ethylene diamine tetraacetate, 1-Hydroxy Ethylidene-1,1 Diphosphonic Acid, trisodium nitrilotriacetate

### 2.3. Other hazards

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

#### 3.2. Mixtures

|                                                                                          |                      |                                                  |
|------------------------------------------------------------------------------------------|----------------------|--------------------------------------------------|
| <b>sodium hydroxide</b>                                                                  |                      | <b>25.02%</b>                                    |
| CAS number: 1310-73-2                                                                    | EC number: 215-185-5 |                                                  |
| <b>Classification</b><br>Skin Corr. 1A - H314<br>Eye Dam. 1 - H318                       |                      |                                                  |
| <b>tetrasodium ethylene diamine tetraacetate</b>                                         |                      | <b>1-5%</b>                                      |
| CAS number: 64-02-8                                                                      | EC number: 200-573-9 |                                                  |
| <b>Classification</b><br>Acute Tox. 4 - H302<br>Eye Dam. 1 - H318                        |                      |                                                  |
| <b>1-Hydroxy Ethylidene-1,1 Diphosphonic Acid</b>                                        |                      | <b>1-5%</b>                                      |
| CAS number: 2809-21-4                                                                    | EC number: 220-552-8 | REACH registration number: 01-2119510391-53-XXXX |
| <b>Classification</b><br>Met. Corr. 1 - H290<br>Acute Tox. 4 - H302<br>Eye Dam. 1 - H318 |                      |                                                  |

## CAUSTIC SUPER

|                                                                                       |                      |               |
|---------------------------------------------------------------------------------------|----------------------|---------------|
| <b>trisodium nitrilotriacetate</b>                                                    |                      | <b>&lt;1%</b> |
| CAS number: 5064-31-3                                                                 | EC number: 225-768-6 |               |
| <b>Classification</b><br>Acute Tox. 4 - H302<br>Eye Irrit. 2 - H319<br>Carc. 2 - H351 |                      |               |

|                                                                      |                      |               |
|----------------------------------------------------------------------|----------------------|---------------|
| <b>phosphonic acid</b>                                               |                      | <b>&lt;1%</b> |
| CAS number: 13598-36-2                                               | EC number: 237-066-7 |               |
| <b>Classification</b><br>Acute Tox. 4 - H302<br>Skin Corr. 1A - H314 |                      |               |

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

|                            |                                                                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General information</b> | Chemical burns must be treated by a physician.                                                                                                                                                                                                                                                                |
| <b>Inhalation</b>          | Remove person to fresh air and keep comfortable for breathing. For breathing difficulties, oxygen may be necessary. Keep affected person under observation. Place unconscious person on their side in the recovery position and ensure breathing can take place. Get medical attention immediately.           |
| <b>Ingestion</b>           | Rinse mouth thoroughly with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. If breathing stops, provide artificial respiration. Place unconscious person on their side in the recovery position and ensure breathing can take place. Get medical attention immediately. |
| <b>Skin contact</b>        | Remove contaminated clothing and rinse skin thoroughly with water. Continue to rinse for at least 10 minutes. Get medical attention if symptoms are severe or persist after washing. Wash clothing and clean shoes thoroughly before reuse.                                                                   |
| <b>Eye contact</b>         | Remove any contact lenses and open eyelids wide apart. Rinse with water. Continue to rinse for at least 15 minutes and get medical attention. If in doubt, get medical attention promptly.                                                                                                                    |

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

|                     |                                                                                                                                                                                                |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | May cause damage to mucous membranes in nose, throat, lungs and bronchial system. Shortness of breath. Burning sensation in the throat May cause coughing and difficulties in breathing.       |
| <b>Ingestion</b>    | This product is corrosive. May cause chemical burns in mouth, oesophagus and stomach. Blood may be vomited There may be bleeding from the mouth and/or nose. May cause severe internal injury. |
| <b>Skin contact</b> | This product is corrosive. Blistering may occur. May cause serious chemical burns to the skin. Progressive ulceration will occur if treatment is not immediate                                 |
| <b>Eye contact</b>  | Causes serious eye damage. Corneal damage. May cause permanent damage.                                                                                                                         |

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

|                             |                        |
|-----------------------------|------------------------|
| <b>Notes for the doctor</b> | Treat symptomatically. |
|-----------------------------|------------------------|

### SECTION 5: Firefighting measures

## CAUSTIC SUPER

### 5.1. Extinguishing media

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire.

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

**Specific hazards** Corrosive. In combustion emits toxic fumes.

### 5.3. Advice for firefighters

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

## SECTION 6: Accidental release measures

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

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet. Do not touch or walk into spilled material.

### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

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

**Methods for cleaning up** Do not touch or walk into spilled material. Collect and place in suitable waste disposal containers and seal securely. Dispose of contents/container in accordance with local regulations. Flush away spillage with plenty of water.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Do not handle until all safety precautions have been read and understood. Avoid direct contact with the substance. Provide adequate ventilation. Do not use in confined spaces without adequate ventilation and/or respirator.

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

**Storage precautions** Store in a cool and well-ventilated place. Keep container tightly closed.

### 7.3. Specific end use(s)

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### sodium hydroxide

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

sodium hydroxide (CAS: 1310-73-2)

DNEL

trisodium nitrilotriacetate (CAS: 5064-31-3)

DNEL

## CAUSTIC SUPER

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate ventilation.

#### Eye/face protection

The following protection should be worn: Chemical splash goggles and face shield.

#### Hand protection

Wear protective gloves.

#### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact. Wear footwear made of the following material: Polyvinyl chloride (PVC). Wear an apron and protective sleevelets made of the following material: Polyvinyl chloride (PVC). Provide eyewash station and safety shower.

#### Respiratory protection

Gas filter, type E. If ventilation is inadequate, suitable respiratory protection must be worn.

### SECTION 9: Physical and chemical properties

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

|                  |                                   |
|------------------|-----------------------------------|
| Appearance       | Liquid.                           |
| Colour           | Colourless.                       |
| Odour            | Odourless.                        |
| pH               | pH (concentrated solution): >13.0 |
| Evaporation rate | Negligible                        |
| Relative density | 1.3                               |
| Solubility(ies)  | Miscible with water.              |

#### 9.2. Other information

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

|            |                                                          |
|------------|----------------------------------------------------------|
| Reactivity | Stable under recommended transport or storage conditions |
|------------|----------------------------------------------------------|

#### 10.2. Chemical stability

|           |                                                 |
|-----------|-------------------------------------------------|
| Stability | Stable under the prescribed storage conditions. |
|-----------|-------------------------------------------------|

#### 10.3. Possibility of hazardous reactions

|                                    |                                                                                |
|------------------------------------|--------------------------------------------------------------------------------|
| Possibility of hazardous reactions | Under normal conditions of storage and use, no hazardous reactions will occur. |
|------------------------------------|--------------------------------------------------------------------------------|

#### 10.4. Conditions to avoid

#### 10.5. Incompatible materials

#### 10.6. Hazardous decomposition products

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| Hazardous decomposition products | Corrosive. In combustion emits toxic fumes. |
|----------------------------------|---------------------------------------------|

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - oral

## CAUSTIC SUPER

ATE oral (mg/kg) 15,384.62

### SECTION 12: Ecological information

#### 12.1. Toxicity

#### 12.2. Persistence and degradability

#### 12.3. Bioaccumulative potential

#### 12.4. Mobility in soil

Mobility Readily absorbed into soil

#### 12.5. Results of PBT and vPvB assessment

#### 12.6. Other adverse effects

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal methods** Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.

### SECTION 14: Transport information

#### 14.1. UN number

UN No. (ADR/RID) 1760

UN No. (IMDG) 1760

UN No. (ICAO) 1760

UN No. (ADN) 1760

#### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** CORROSIVE LIQUID, N.O.S. (CONTAINS sodium hydroxide, phosphonic acid)

**Proper shipping name (IMDG)** CORROSIVE LIQUID, N.O.S. (CONTAINS sodium hydroxide, phosphonic acid)

**Proper shipping name (ICAO)** CORROSIVE LIQUID, N.O.S. (CONTAINS sodium hydroxide, phosphonic acid)

**Proper shipping name (ADN)** CORROSIVE LIQUID, N.O.S. (CONTAINS sodium hydroxide, phosphonic acid)

#### 14.3. Transport hazard class(es)

ADR/RID class 8

ADR/RID classification code C9

ADR/RID label 8

IMDG class 8

ICAO class/division 8

ADN class 8

#### Transport labels



#### 14.4. Packing group

## CAUSTIC SUPER

|                       |    |
|-----------------------|----|
| ADR/RID packing group | II |
| IMDG packing group    | II |
| ICAO packing group    | II |
| ADN packing group     | II |

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

|                                        |          |
|----------------------------------------|----------|
| EmS                                    | F-A, S-B |
| ADR transport category                 | 1        |
| Emergency Action Code                  | 2X       |
| Hazard Identification Number (ADR/RID) | 88       |
| Tunnel restriction code                | (E)      |

### 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.

Not applicable.

## SECTION 15: Regulatory information

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

|                |                                                                                                                                                                                    |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU legislation | Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

|                           |                                                                                                                                                                                                                                |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General information       | Only trained personnel should use this material.                                                                                                                                                                               |
| Revision date             | 23.01.2026                                                                                                                                                                                                                     |
| Revision                  | 01                                                                                                                                                                                                                             |
| Supersedes date           |                                                                                                                                                                                                                                |
| SDS number                | 1003                                                                                                                                                                                                                           |
| Risk phrases in full      | R35 Causes severe burns.                                                                                                                                                                                                       |
| Hazard statements in full | H290 May be corrosive to metals.<br>H302 Harmful if swallowed.<br>H314 Causes severe skin burns and eye damage.<br>H318 Causes serious eye damage.<br>H319 Causes serious eye irritation.<br>H351 Suspected of causing cancer. |

## CAUSTIC SUPER

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.