



## SAFETY DATA SHEET

### S.O.S® Steel Wool Soap Pads - Regular

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

##### 1.1. Product identifier

Product name S.O.S® Steel Wool Soap Pads - Regular

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

Identified uses Cleaning and scouring.

Uses advised against No specific uses advised against are identified.

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

Supplier Cbee (Europe) Ltd.  
Eton House,  
2nd Floor,  
18 - 24 Paradise Road,  
Richmond,  
TW9 1SE,  
UK  
+44 (0) 208 614 7120  
+44 (0) 208 940 2040  
consumerservices@clorox.co.uk

##### 1.4. Emergency telephone number

Emergency telephone +44 (0) 208 614 7120  
Monday - Thursday:- 09:00 - 17:30  
Friday:- 09:00 - 17:00

#### SECTION 2: Hazards identification

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

###### Classification

###### Physical hazards

Not Classified

###### Health hazards

Eye Irrit. 2 - H319

###### Environmental hazards

Not Classified

###### Classification (67/548/EEC or 1999/45/EC)

Xi; R36

##### 2.2. Label elements

###### Pictogram



Signal word Warning

Hazard statements

**S.O.S® Steel Wool Soap Pads - Regular**

H319 Causes serious eye irritation.

**Precautionary statements**

P102 Keep out of reach of children.

P264 Wash contaminated skin thoroughly after handling.

P280 Wear protective gloves.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

**Detergent labelling**

≥ 30% soap, &lt; 5% anionic surfactants, &lt; 5% non-ionic surfactants, &lt; 5% perfumes, Contains D-LIMONENE, DILAURYL THIODIPROPIONATE

**2.3. Other hazards**

This product does not contain any substances classified as PBT or vPvB.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

|   |   |
|---|---|
| <b>Glycerol</b><br>CAS number: 56-81-5 EC number: 200-289-5<br>Substance with National workplace exposure limits.   | <b>2.5 - &lt;5%</b>   |
| <b>Classification</b><br>Not Classified   | <b>Classification (67/548/EEC or 1999/45/EC)</b><br>---                   |
| <b>sodium nitrite</b><br>CAS number: 7632-00-0 EC number: 231-555-9<br>M factor (Acute) = 1                         | <b>1 - &lt;2.5%</b>   |
| <b>Classification</b><br>Ox. Sol. 3 - H272<br>Acute Tox. 3 - H301<br>Aquatic Acute 1 - H400                         | <b>Classification (67/548/EEC or 1999/45/EC)</b><br>O; R8. T; R25. N; R50 |
| <b>Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts</b><br>CAS number: 68081-81-2 EC number: 268-356-1 | <b>1 - &lt;2.5%</b>   |
| <b>Classification</b><br>Acute Tox. 4 - H302<br>Skin Irrit. 2 - H315<br>Eye Dam. 1 - H318                           | <b>Classification (67/548/EEC or 1999/45/EC)</b><br>Xn; R22. Xi; R41, R38 |
| <b>sodium hydroxide</b><br>CAS number: 1310-73-2 EC number: 215-185-5   | <b>0.25 - &lt;0.5%</b>  |
| <b>Classification</b><br>Skin Corr. 1A - H314<br>Eye Dam. 1 - H318  | <b>Classification (67/548/EEC or 1999/45/EC)</b><br>C; R35                |

**S.O.S® Steel Wool Soap Pads - Regular**

|   |  |                          |
|---|--|--------------------------|
| <b>titanium dioxide</b>   |  | <b>0.025 - &lt;0.25%</b> |
| CAS number: 13463-67-7 EC number: 236-675-5<br>Substance with National workplace exposure limits. |  |                          |
| <b>Classification</b>   | <b>Classification (67/548/EEC or 1999/45/EC)</b> |                          |
| Not Classified  | ---  |                          |
| <b>29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper</b>  |  | <b>0.025 - &lt;0.25%</b> |
| CAS number: 147-14-8 EC number: 205-685-1<br>Substance with National workplace exposure limits.   |  |                          |
| <b>Classification</b>   | <b>Classification (67/548/EEC or 1999/45/EC)</b> |                          |
| Not Classified  | ---  |                          |

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**

**Inhalation**

Not relevant.

**Ingestion**

Rinse mouth thoroughly with water. Give plenty of water to drink. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

**Skin contact**

Wash skin thoroughly with soap and water.

**Eye contact**

Remove any contact lenses and open eyelids wide apart. Continue to rinse.

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

**Inhalation**

Not relevant.

**Ingestion**

May cause discomfort if swallowed.

**Skin contact**

Prolonged skin contact may cause redness and irritation.

**Eye contact**

Irritation of eyes and mucous membranes. Prolonged contact may cause redness and/or tearing.

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

**Notes for the doctor**

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

**Unsuitable extinguishing media**

Do not use water jet as an extinguisher, as this will spread the fire.

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

**Hazardous combustion products**

## S.O.S® Steel Wool Soap Pads - Regular

Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours.

### **5.3. Advice for firefighters**

#### **Special protective equipment for firefighters**

Use protective equipment appropriate for surrounding materials.

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## **SECTION 6: Accidental release measures**

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

#### **Personal precautions**

Avoid contact with eyes and prolonged skin contact. Wear protective clothing as described in Section 8 of this safety data sheet.

### **6.2. Environmental precautions**

#### **Environmental precautions**

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 in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

### **6.4. Reference to other sections**

#### **Reference to other sections**

See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

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## **SECTION 7: Handling and storage**

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### **7.1. Precautions for safe handling**

#### **Usage precautions**

Read and follow manufacturer's recommendations.

#### **Advice on general occupational hygiene**

Avoid contact with eyes and prolonged skin contact.

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

#### **Storage precautions**

Store in a cool and well-ventilated place.

### **7.3. Specific end use(s)**

#### **Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

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## **SECTION 8: Exposure Controls/personal protection**

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### **8.1. Control parameters**

#### **Occupational exposure limits**

## S.O.S® Steel Wool Soap Pads - Regular

### Glycerol

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> mist

### sodium hydroxide

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

### titanium dioxide

Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup> respirable dust

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> inhalable dust

### 29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper

Long-term exposure limit (8-hour TWA): WEL 1 mg/m<sup>3</sup> dust and mists

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup> dust and mists  
as Cu

WEL = Workplace Exposure Limit

## 8.2. Exposure controls

### Eye/face protection

Wear chemical splash goggles.

### Hand protection

No specific hand protection recommended.

### Hygiene measures

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

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## SECTION 9: Physical and Chemical Properties

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

#### Appearance

Steel wool pad

#### Colour

Blue.

#### Odour

soap

#### Odour threshold

Not determined.

#### pH

Not determined.

#### Melting point

Not relevant.

#### Initial boiling point and range

Not determined.

#### Flash point

Not determined.

#### Evaporation rate

Not determined.

#### Evaporation factor

Not determined.

#### Flammability (solid, gas)

Not relevant.

#### Upper/lower flammability or explosive limits

Not relevant.

## S.O.S® Steel Wool Soap Pads - Regular

**Vapour pressure**

Not determined.

**Vapour density**

Not relevant.

**Relative density**

Not determined.

**Bulk density**

Not determined.

**Partition coefficient**

Not determined.

**Auto-ignition temperature**

Not relevant.

**Decomposition Temperature**

Not relevant.

**Viscosity**

Not determined.

**Explosive properties**

Not considered to be explosive.

**Oxidising properties**

The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.

### 9.2. Other information

**Other information**

No information required.

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## **SECTION 10: Stability and reactivity**

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### 10.1. 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

Will not polymerise.

### 10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

**Materials to avoid**

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

None at ambient temperatures. Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of nitrogen.

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## **SECTION 11: Toxicological information**

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### 11.1. Information on toxicological effects

**Acute toxicity - oral**

Based on available data the classification criteria are not met.

**ATE oral (mg/kg)**

8,860.01181335

## S.O.S® Steel Wool Soap Pads - Regular

### **Acute toxicity - dermal**

Based on available data the classification criteria are not met.

### **Acute toxicity - inhalation**

Based on available data the classification criteria are not met.

### **Skin corrosion/irritation**

#### **Animal data**

Based on available data the classification criteria are not met.

### **Serious eye damage/irritation**

Eye Irrit. 2 - H319 May cause severe eye irritation.

### **Respiratory sensitisation**

Based on available data the classification criteria are not met.

### **Skin sensitisation**

Based on available data the classification criteria are not met.

### **Germ cell mutagenicity**

#### **Genotoxicity - in vitro**

Based on available data the classification criteria are not met.

#### **Genotoxicity - in vivo**

Based on available data the classification criteria are not met.

### **Carcinogenicity**

Based on available data the classification criteria are not met.

### **Reproductive toxicity**

#### **Reproductive toxicity - fertility**

Based on available data the classification criteria are not met.

#### **Reproductive toxicity - development**

Based on available data the classification criteria are not met.

### **Specific target organ toxicity - single exposure**

#### **STOT - single exposure**

Based on available data the classification criteria are not met.

### **Specific target organ toxicity - repeated exposure**

#### **STOT - repeated exposure**

Based on available data the classification criteria are not met.

### **Aspiration hazard**

Not anticipated to present an aspiration hazard, based on chemical structure.

### **Toxicological information on ingredients.**

**S.O.S® Steel Wool Soap Pads - Regular****Glycerol****Acute toxicity - oral****Acute toxicity oral (LD50 mg/kg)**

23,000.0

**Species**

Mouse

REACH dossier information.

**ATE oral (mg/kg)**

23,000.0

**Acute toxicity - dermal****Acute toxicity dermal (LD50 mg/kg)**

56750.0

**Species**

Guinea pig

REACH dossier information.

**ATE dermal (mg/kg)**

56750.0

**Skin corrosion/irritation****Animal data**

Dose: 0.5 ml, 24 hours, Rabbit Primary dermal irritation index: ≤ 2 REACH dossier information. Not irritating.

**Serious eye damage/irritation**

Dose: 0.1 ml, 7 days, Rabbit REACH dossier information. Not irritating.

**Germ cell mutagenicity****Genotoxicity - in vitro**

DNA damage and/or repair: Negative. REACH dossier information.

**Reproductive toxicity****Reproductive toxicity - fertility**

Two-generation study - Dose level: 2000 mg/kg/day, Oral, Rat P, F1 REACH dossier information. No evidence of reproductive toxicity in animal studies.

**Reproductive toxicity - development**

Developmental toxicity: - NOAEL: 1310 mg/kg/day, Oral, Rat REACH dossier information. No evidence of reproductive toxicity in animal studies.

**sodium nitrite****Acute toxicity - oral****Acute toxicity oral (LD50 mg/kg)**

180.0

**Species**

Rat

**ATE oral (mg/kg)**

180.0

**Carcinogenicity****IARC carcinogenicity**

IARC Group 2A Probably carcinogenic to humans.



**S.O.S® Steel Wool Soap Pads - Regular****Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts****Acute toxicity - oral****ATE oral (mg/kg)**

500.0

**sodium hydroxide****Skin corrosion/irritation****Animal data**

Skin Corr. 1A - H314

**Serious eye damage/irritation**

Dose: 0.1 ml (2%), 1 second, Rabbit REACH dossier information.

**Skin sensitisation**

Patch test - Human: Not sensitising. REACH dossier information.

**Aspiration hazard**

Not anticipated to present an aspiration hazard, based on chemical structure.

**titanium dioxide****Acute toxicity - oral****Acute toxicity oral (LD50 mg/kg)**

5,000.0

**Species**

Rat

REACH dossier information.

**ATE oral (mg/kg)**

5,000.0

**Skin corrosion/irritation****Animal data**

Dose: 0.5 g, 4 hours, Rabbit REACH dossier information. Not irritating.

**Serious eye damage/irritation**

Dose: 57 mg, 1 second, Rabbit REACH dossier information. Not irritating.

**Skin sensitisation**

Local Lymph Node Assay (LLNA) - Mouse: Not sensitising. REACH dossier information.

**Germ cell mutagenicity****Genotoxicity - in vitro**

Chromosome aberration: Negative. REACH dossier information.

**Genotoxicity - in vivo**

Chromosome aberration: Negative. REACH dossier information.

**Carcinogenicity**NOEC 50 mg/m<sup>3</sup>, Inhalation, Rat REACH dossier information.**IARC carcinogenicity**

IARC Group 2B Possibly carcinogenic to humans.

**S.O.S® Steel Wool Soap Pads - Regular****29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper****Acute toxicity - dermal**

LD<sub>50</sub> > 5000 mg/kg, Rat REACH dossier information.

**Skin corrosion/irritation****Animal data**

Dose: ~ 1 ml, 20 hours, Rabbit Erythema/eschar score: No erythema (0). Oedema score: No oedema (0). REACH dossier information. Not irritating.

**Serious eye damage/irritation**

REACH dossier information. Dose: ~ 50 mg, 24 hours, Rabbit Not irritating.

**Skin sensitisation**

Local Lymph Node Assay (LLNA) - Mouse: Not sensitising. REACH dossier information.

**Germ cell mutagenicity****Genotoxicity - in vitro**

Chromosome aberration: Negative. REACH dossier information.

**Genotoxicity - in vivo**

Chromosome aberration: Negative. REACH dossier information.

**Reproductive toxicity****Reproductive toxicity - fertility**

Screening - NOAEL 1000 mg/kg/day, Oral, Rat P, F1 REACH dossier information.

**Reproductive toxicity - development**

Developmental toxicity: - NOAEL: 1000 mg/kg/day, Oral, Rat REACH dossier information.

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**SECTION 12: Ecological Information**

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**12.1. Toxicity**

Not considered toxic to fish.

### S.O.S® Steel Wool Soap Pads - Regular

#### Ecological information on ingredients.

##### Glycerol

###### **Acute toxicity - fish**

LC<sub>50</sub>, 96 hours: 54000 mg/l, Onchorhynchus mykiss (Rainbow trout) REACH dossier information.

##### sodium nitrite

###### **Acute aquatic toxicity**

###### **LE(C)<sub>50</sub>**

0.1 < L(E)C<sub>50</sub> ≤ 1

###### **M factor (Acute)**

1

##### sodium hydroxide

###### **Acute toxicity - fish**

LC<sub>50</sub>, 48 hours: 189 mg/l, Leuciscus idus (Golden orfe)

###### **Acute toxicity - aquatic invertebrates**

EC<sub>50</sub>, 48 hours: 40.4 mg/l, Ceriodaphnia REACH dossier information.

##### 29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper

###### **Acute toxicity - fish**

LC<sub>50</sub>, 96 hours: > 100 mg/l, Brachydanio rerio (Zebra Fish) REACH dossier information.

###### **Acute toxicity - aquatic invertebrates**

EC<sub>0</sub>, 24 hours: 500 mg/l, Daphnia magna EC<sub>50</sub>, 48 hours: > 500 mg/l, Daphnia magna REACH dossier information.

###### **Acute toxicity - aquatic plants**

EC<sub>50</sub>, 72 hours: > 100 mg/l, Desmodemus subspicatus REACH dossier information.

###### **Acute toxicity - microorganisms**

EC<sub>50</sub>, 30 minutes: > 10000 mg/l, Pseudomonas putida REACH dossier information.

###### **Chronic toxicity - aquatic invertebrates**

NOEC, 21 days: ≥ 1 mg/l, Daphnia magna REACH dossier information.

#### 12.2. Persistence and degradability

##### **Persistence and degradability**

The surfactant(s) contained in this product 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.

#### Ecological information on ingredients.

##### Glycerol

###### **Biodegradation**

Water - Degradation (60%): 2 hours Water - Degradation (86%): 4 hours Water - Degradation (94%): 24 hours REACH dossier information. The substance is readily biodegradable.

##### 29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper

###### **Phototransformation**

Air - DT<sub>50</sub> : 4.5 hours REACH dossier information.

###### **Biodegradation**

Water - Degradation (5%): 28 days REACH dossier information. No biodegradation observed under test conditions.

#### 12.3. Bioaccumulative potential

No data available on bioaccumulation.

##### **Partition coefficient**

Not determined.

## S.O.S® Steel Wool Soap Pads - Regular

### Ecological information on ingredients.

#### Glycerol

##### Partition coefficient

log Pow: -1.75 REACH dossier information.

#### sodium hydroxide

The product is not bioaccumulating.

### 12.4. Mobility in soil

#### Mobility

The product is soluble in water.

### Ecological information on ingredients.

#### Glycerol

##### Henry's law constant

0.000000006 atm m<sup>3</sup>/mol @ 25°C REACH dossier information. Calculation method.

##### Surface tension

~ 63.4 mN/m @ 20°C REACH dossier information.

### 12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

Not relevant.

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## **SECTION 13: Disposal considerations**

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### 13.1. Waste treatment methods

#### General information

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

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## **SECTION 14: Transport information**

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#### 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.

### 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 MARPOL73/78 and the IBC Code

Not applicable.

**S.O.S® Steel Wool Soap Pads - Regular****SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations**

EH40/2005 Workplace exposure limits.

**EU legislation**

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended)  
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****Classification procedures according to Regulation (EC) 1272/2008**

Eye Irrit. 2 - H319: Calculation method.

**Revision comments**

Classification according to CLP Annex I.

**Revision date** 03/07/2014

**Revision** 6

**Supersedes date** 01/01/2012

**SDS number** 247

**Risk phrases in full**

R8 Contact with combustible material may cause fire.  
R22 Harmful if swallowed.  
R25 Toxic if swallowed.  
R35 Causes severe burns.  
R36 Irritating to eyes.  
R38 Irritating to skin.  
R41 Risk of serious damage to eyes.  
R50 Very toxic to aquatic organisms.

**Hazard statements in full**

H272 May intensify fire; oxidiser.  
H301 Toxic if swallowed.  
H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H400 Very toxic to aquatic life.

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