

# SAFETY DATA SHEET

## HEAVY DUTY EXTRACTION SHAMPOO

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

#### 1.1. Product identifier

Product name HEAVY DUTY EXTRACTION SHAMPOO

Product number C156

#### 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

Manufacturer Selden Research Ltd  
Staden Business Park  
Supplier **SELDEN RESEARCH LIMITED**  
STADEN LANE  
BUXTON  
DERBYSHIRE  
SK17 9RZ  
UNITED KINGDOM

Tel. 01298 26226  
Fax. 01298 26540  
email safety@selden.co.uk

#### 1.4. Emergency telephone num

National emergency telephone number Mon to Fri 8.30am to 5.00pm - +44 (0)1298 26226

Mon to Fri 8.30am to 5.00pm - 01298 26226

### SECTION 2: Hazards identification

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

##### Classification

##### Physical hazards

Not Classified

##### Health hazards

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

##### Environmental hazards

Not Classified

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

Xi;R36/38.

#### 2.2. Label elements

##### Pictogram



Signal word Danger

##### Hazard statements

H314 Causes severe skin burns and eye damage.

##### Precautionary statements

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P102 Keep out of reach of children.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves, eye and 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/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.

P315 Get immediate medical advice/attention.

P405 Store locked up.

### Contains

SODIUM HYDROXIDE

### 2.3. Other hazards

No other hazards known. This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>ALKYL GLUCOSIDE</b> CAS number: 68515-73-1 EC number: —	1-5%
<b>Classification</b> Eye Dam. 1 - H318	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi;R41.
<b>Alkoxylated alcohol</b> CAS number: 146340-16-1 EC number: —	1-5%
<b>Classification</b> Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi;R36/38.
<b>SODIUM HYDROXIDE</b> CAS number: 1310-73-2 EC number: 215-185-5	<1%
<b>Classification</b> Met. Corr. 1 - H290 Skin Corr. 1A - H314	<b>Classification (67/548/EEC or 1999/45/EC)</b> C;R35
<b>N,N-dimethyltetradecylamine N-oxide</b> CAS number: 3332-27-2 EC number: 222-059-3 M factor (Acute) = 1	<1%
<b>Classification</b> Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Acute 1 - H400	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R22. Xi;R38,R41. N;R50.

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

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Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

### **Ingestion**

Remove affected person from source of contamination. Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention.

### **Skin contact**

Remove affected person from source of contamination. Remove contaminated clothing. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

### **Eye contact**

Important! Immediately rinse with water for at least 15 minutes. Remove any contact lenses and open eyelids wide apart. Get medical attention immediately. Continue to rinse.

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

#### **General information**

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

#### **Ingestion**

May cause stomach pain or vomiting.

#### **Skin contact**

Prolonged skin contact may cause redness and irritation.

#### **Eye contact**

Risk of serious damage to eyes.

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

#### **Notes for the doctor**

Treat symptomatically.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

The product is not flammable. Extinguish with the following media: Dry chemicals, sand, dolomite etc. Foam. Water spray.

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

#### **Hazardous combustion products**

Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

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

#### **Protective actions during firefighting**

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

#### **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**

For personal protection, see Section 8.

### **6.2. Environmental precautions**

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

#### **Methods for cleaning up**

Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water.

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

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

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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

Avoid spilling. Avoid contact with skin and eyes.

### 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.

#### Usage description

See product label for detailed usage and instructions.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### Ingredient comments

WEL = Workplace Exposure Limits

### 8.2. Exposure controls

#### Protective equipment



#### Eye/face protection

The following protection should be worn: Tight-fitting safety glasses.

#### Hand protection

Nitrile gloves are recommended.

#### Other skin and body protection

General workwear only

#### Hygiene measures

Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke.

## SECTION 9: Physical and Chemical Properties

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

#### Appearance

Clear liquid. Liquid

#### Colour

Blue.

#### Odour

Lemon.

#### pH

pH (concentrated solution): 13.0

#### Initial boiling point and range

> 100°C @

#### Relative density

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1.044 - 1.054 @ @ 20°C

### **Solubility(ies)**

Soluble in water.

### **9.2. Other information**

#### **Other information**

None.

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

### **10.1. Reactivity**

May react with other cleaning chemicals. For specific reactions refer to Section 10.5

### **10.2. Chemical stability**

#### **Stability**

Stable at normal ambient temperatures.

### **10.3. Possibility of hazardous reactions**

Not known.

### **10.4. Conditions to avoid**

Avoid excessive heat for prolonged periods of time.

### **10.5. Incompatible materials**

#### **Materials to avoid**

Do not mix or use with other products.

### **10.6. Hazardous decomposition products**

Thermal decomposition or combustion products may include the following substances: Toxic gases/vapours/fumes of: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

## **SECTION 11: Toxicological information**

### **11.1. Information on toxicological effects**

#### **Toxicological effects**

No toxicological data is available for this mixture, however data can be provided for specific raw materials upon request.

#### **Inhalation**

May cause respiratory system irritation.

#### **Ingestion**

Liquid irritates mucous membranes and may cause abdominal pain if swallowed. Nausea, vomiting.

#### **Skin contact**

Irritating to skin. Prolonged or repeated exposure may cause severe irritation.

#### **Eye contact**

Risk of serious damage to eyes. Irritation of eyes and mucous membranes.

## **SECTION 12: Ecological Information**

### **Ecotoxicity**

Not regarded as dangerous for the environment.

### **12.1. Toxicity**

Aquatic toxicity has not been carried out on this product. Data for raw materials contained in this product, when available, can be provided when necessary.

### **12.2. Persistence and degradability**

#### **Persistence and degradability**

The surfactants contained within the product comply with the biodegradability criteria as laid down in Regulation (EC) No

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648/2004.

### **12.3. Bioaccumulative potential**

The product does not contain any substances expected to be bioaccumulating.

### **12.4. Mobility in soil**

#### **Mobility**

The product contains substances, which are water soluble and may spread in water systems.

### **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**

None known.

## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

#### **Disposal methods**

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## **SECTION 14: Transport information**

**Road transport notes** Not classified.

**Sea transport notes** Not classified.

**Air transport notes** Not classified.

### **14.1. UN number**

Not applicable.

### **14.2. UN proper shipping name**

Not applicable.

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

Not applicable.

### **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.

## **SECTION 15: Regulatory information**

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

#### **National regulations**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health Regulations 2002 (as amended).

#### **EU legislation**

System of specific information relating to Dangerous Preparations. 2001/58/EC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of

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the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

### Guidance

Workplace Exposure Limits EH40. CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition) L131.

### 15.2. Chemical safety assessment

No chemical assessment has been carried out as this Safety Data Sheet is for a mixture.

## SECTION 16: Other information

### General information

The following risk phrases relate to the raw materials in the product and not the product itself:-

### Revision comments

Safety Data Sheet revised to be in accordance with EU Regulation No 453/2010 - REACH Regulations.

**Revision date** 04/02/2015

**Revision** 5

### Risk phrases in full

R35 Causes severe burns.  
R36/38 Irritating to eyes and skin.  
R41 Risk of serious damage to eyes.

### Hazard statements in full

H290 May be corrosive to metals.  
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.