



## SAFETY DATA SHEET AUTO REFRESH SHAMPOO

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

#### 1.1. Product identifier

**Product name** AUTO REFRESH SHAMPOO

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

**Uses advised against** No specific uses advised against are identified.

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

**Supplier** Iain Semple Chemicals Ltd  
7 McKenzie St,  
Paisley,  
Renfrewshire,  
PA3 1LX  
0141 8487557

#### 1.4. Emergency telephone number

**Emergency telephone** +44 (0) 141 8487557 (Mon - Fri 9:00am - 5:00pm GMT)

### SECTION 2: Hazards identification

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

##### Classification (SI 2019 No. 720)

**Physical hazards** Not Classified

**Health hazards** Not Classified

**Environmental hazards** Not Classified

#### 2.2. Label elements

**Hazard statements** NC Not Classified

**Precautionary statements** P102 Keep out of reach of children.  
P103 Read label before use.  
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
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.  
P308+P313 IF exposed or concerned: Get medical advice/ attention.  
Storage Information: Store in original sealed container and protect from extremes of temperature.  
P501 Dispose of contents/ container in accordance with local regulations.

#### 2.3. Other hazards

### SECTION 3: Composition/information on ingredients

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**General information** If in doubt, get medical attention promptly.

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|                     |                                                                                                                                                             |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | Avoid inhalation of vapour mist or spray. Remove person to fresh air and keep comfortable for breathing. Get medical attention if any discomfort continues. |
| <b>Ingestion</b>    | Rinse mouth thoroughly with water. Do not induce vomiting. Give plenty of water to drink. Get medical attention if any discomfort continues.                |
| <b>Skin contact</b> | Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.                                                                |
| <b>Eye contact</b>  | Wash with plenty of water. Get medical attention if irritation persists after washing.                                                                      |

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

|                            |                                                                                |
|----------------------------|--------------------------------------------------------------------------------|
| <b>General information</b> | Treat symptomatically.                                                         |
| <b>Inhalation</b>          | May cause respiratory system irritation.                                       |
| <b>Ingestion</b>           | No harmful effects expected from quantities likely to be ingested by accident. |
| <b>Skin contact</b>        | May be slightly irritating to skin.                                            |
| <b>Eye contact</b>         | May irritate eyes.                                                             |

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

|                             |                        |
|-----------------------------|------------------------|
| <b>Notes for the doctor</b> | Treat symptomatically. |
| <b>Specific treatments</b>  | Not applicable.        |

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

|                                       |                                                                                               |
|---------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>   | The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. |
| <b>Unsuitable extinguishing media</b> | Not applicable.                                                                               |

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

|                                      |                                                                                                                                                                                                                                                                                                 |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Specific hazards</b>              | The product is non-combustible. None known.                                                                                                                                                                                                                                                     |
| <b>Hazardous combustion products</b> | Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO). Avoid breathing dusts, vapours or fumes from burning materials. In case of inhalation of decomposition products in a fire, symptoms may be delayed. |

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

|                                                      |                                                                                                                                                                                               |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protective actions during firefighting</b>        | Avoid breathing fire gases or vapours.                                                                                                                                                        |
| <b>Special protective equipment for firefighters</b> | Firefighter's clothing will provide a basic level of protection for chemical incidents. 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**

|                                 |                                                                                                                                                                                                           |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions</b>     | Avoid contact with eyes and prolonged skin contact.                                                                                                                                                       |
| <b>For emergency responders</b> | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |

### **6.2. Environmental precautions**

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**Environmental precautions** No negative effects on the aquatic environment are known. Not regarded as dangerous for the environment.

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

**Methods for cleaning up** Absorb spillage with sand or other inert absorbent. Collect and place in suitable waste disposal containers and seal securely.

### 6.4. Reference to other sections

**Reference to other sections** For safe handling, see Section 7 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 contact with eyes and prolonged skin contact.

**Advice on general occupational hygiene** Clean equipment and the work area every day. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Wash contaminated clothing before reuse.

### 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. Container must be kept tightly closed when not in use.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

#### sodium hydroxide

WEL: Short Term Exposure Limit (STEL): 2 mg/m<sup>3</sup>

#### alcohols, C12-14, ethoxylated, sulfates, sodium salts (CAS: 68891-38-3)

|             |                                                                                   |
|-------------|-----------------------------------------------------------------------------------|
| <b>DNEL</b> | Workers - Dermal; Long term systemic effects: 2750 mg/kg/day                      |
|             | Workers - Inhalation; Long term systemic effects: 175 mg/m <sup>3</sup>           |
|             | General population - Oral; Long term systemic effects: 15 mg/kg/day               |
|             | General population - Dermal; Long term systemic effects: 1650 mg/kg/day           |
|             | General population - Inhalation; Long term systemic effects: 52 mg/m <sup>3</sup> |
| <b>PNEC</b> | Fresh water; 0.24 mg/l                                                            |
|             | marine water; 0.024 mg/l                                                          |
|             | Intermittent release; 0.071 mg/l                                                  |
|             | Sediment (Freshwater); 5.45 mg/kg                                                 |
|             | Sediment (Marinewater); 0.545 mg/kg                                               |
|             | Soil; 0.946 mg/kg                                                                 |
|             | STP; 10 000 mg/l                                                                  |

#### sodium hydroxide (CAS: 1310-73-2)

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### DNEL

Industry - Inhalation; Long term local effects: 1 mg/m<sup>3</sup>

Consumer - Inhalation; Long term local effects: 1 mg/m<sup>3</sup>

### 8.2. Exposure controls

|                                         |                                                                                                                                                                                                                      |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Appropriate engineering controls</b> | Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients.                                                                                                |
| <b>Eye/face protection</b>              | Chemical splash goggles recommended if eye contact is probable.                                                                                                                                                      |
| <b>Hand protection</b>                  | Hand protection not required.                                                                                                                                                                                        |
| <b>Hygiene measures</b>                 | Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Wash promptly with soap and water if skin becomes contaminated. Wash contaminated clothing before reuse. |
| <b>Respiratory protection</b>           | No specific recommendations.                                                                                                                                                                                         |
| <b>Environmental exposure controls</b>  | Keep container tightly sealed when not in use.                                                                                                                                                                       |

## SECTION 9: Physical and chemical properties

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

|                         |                                           |
|-------------------------|-------------------------------------------|
| <b>Appearance</b>       | Clear liquid.                             |
| <b>Colour</b>           | Fluorescent. Green.                       |
| <b>Odour</b>            | Lemon.                                    |
| <b>pH</b>               | pH (concentrated solution): 6.00 - 8.00   |
| <b>Flash point</b>      | This product does not sustain combustion. |
| <b>Relative density</b> | 1.00 - 1.02 @ 20°C                        |

### 9.2. Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

|                   |                                                                     |
|-------------------|---------------------------------------------------------------------|
| <b>Reactivity</b> | There are no known reactivity hazards associated with this product. |
|-------------------|---------------------------------------------------------------------|

### 10.2. Chemical stability

|                  |                                                                     |
|------------------|---------------------------------------------------------------------|
| <b>Stability</b> | Stable at normal ambient temperatures and when used as recommended. |
|------------------|---------------------------------------------------------------------|

### 10.3. Possibility of hazardous reactions

|                                           |             |
|-------------------------------------------|-------------|
| <b>Possibility of hazardous reactions</b> | None known. |
|-------------------------------------------|-------------|

### 10.4. Conditions to avoid

|                            |                                                                         |
|----------------------------|-------------------------------------------------------------------------|
| <b>Conditions to avoid</b> | Avoid exposure to high temperatures or direct sunlight. Avoid freezing. |
|----------------------------|-------------------------------------------------------------------------|

### 10.5. Incompatible materials

|                           |                                                                                |
|---------------------------|--------------------------------------------------------------------------------|
| <b>Materials to avoid</b> | Strong oxidising agents. Strong reducing agents. Strong acids. Strong alkalis. |
|---------------------------|--------------------------------------------------------------------------------|

### 10.6. Hazardous decomposition products

|                                         |                                             |
|-----------------------------------------|---------------------------------------------|
| <b>Hazardous decomposition products</b> | May emit toxic fumes under fire conditions. |
|-----------------------------------------|---------------------------------------------|

## SECTION 11: Toxicological information

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### 11.1. Information on toxicological effects

|              |                                                          |
|--------------|----------------------------------------------------------|
| Inhalation   | Vapours may irritate throat/respiratory system.          |
| Ingestion    | May cause discomfort if swallowed.                       |
| Skin contact | Prolonged skin contact may cause redness and irritation. |
| Eye contact  | May cause irritation.                                    |

### SECTION 12: Ecological information

|             |                                                                 |
|-------------|-----------------------------------------------------------------|
| Ecotoxicity | The product is not expected to be hazardous to the environment. |
|-------------|-----------------------------------------------------------------|

#### 12.1. Toxicity

|          |                 |
|----------|-----------------|
| Toxicity | Not applicable. |
|----------|-----------------|

#### 12.2. Persistence and degradability

|                               |                               |
|-------------------------------|-------------------------------|
| Persistence and degradability | The product is biodegradable. |
|-------------------------------|-------------------------------|

#### 12.3. Bioaccumulative potential

|                           |                                     |
|---------------------------|-------------------------------------|
| Bioaccumulative potential | The product is not bioaccumulating. |
|---------------------------|-------------------------------------|

#### 12.4. Mobility in soil

|          |                                  |
|----------|----------------------------------|
| Mobility | The product is soluble in water. |
|----------|----------------------------------|

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

#### 12.6. Other adverse effects

|                       |             |
|-----------------------|-------------|
| Other adverse effects | None known. |
|-----------------------|-------------|

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

|                     |                                                                                  |
|---------------------|----------------------------------------------------------------------------------|
| General information | Dispose of waste product or used containers in accordance with local regulations |
|---------------------|----------------------------------------------------------------------------------|

### SECTION 14: Transport information

|         |                                                                                                                    |
|---------|--------------------------------------------------------------------------------------------------------------------|
| 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

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Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78  
and the IBC Code

### SECTION 15: Regulatory information

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

#### 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.

**Issued by** HS&E Manager.

**Revision date** 15/07/2022

**Revision** 6

**Supersedes date** 17/12/2021

**SDS number** 4542

**Code**

**Other Information**

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.