



**SAFETY DATA SHEET**  
**WASHING UP LIQUID - CLEMENTINE**

According to Regulation (EU) No 453/2010

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

**Product name** WASHING UP LIQUID - CLEMENTINE  
**Product No.** 1218-05081-0640

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

**Identified uses** Washing up liquid.  
**Uses advised against** No specific uses advised against are identified.

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

**Supplier** Method Products Ltd  
26 York Street  
London  
W1U 6PZ  
Tel: 0207 788 7904  
ryan@methodhome.com

**1.4. Emergency telephone number**

001-800-9-638463 (24 hours)

**SECTION 2: HAZARDS IDENTIFICATION**

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

**Classification (1999/45/EEC)** Not classified.  
**Human health**  
See section 11 for additional information on health hazards.

**2.2. Label elements**

**Detergent Labelling:**

5 - < 15%	anionic surfactants
	non-ionic surfactants
< 5%	perfumes
Contains	METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE, LINALOL

**Risk Phrases**

NC	Not classified.
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**Safety Phrases**

P14	Contains LIMONENE. May produce an allergic reaction.
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**2.3. Other hazards**

PBT/vPvB assessment not determined.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

## WASHING UP LIQUID - CLEMENTINE

### 3.2. Mixtures

<b>ALKYLPOLYGLYCOSIDE C10-16</b>	<b>1-5%</b>
<b>CAS-No.: 110615-47-9</b>	<b>EC No.:</b>
Classification (EC 1272/2008) Eye Dam. 1 - H318	Classification (67/548/EEC) Xi;R41.
<b>ALKYLPOLYGLYCOSIDE C8-10</b>	<b>1-5%</b>
<b>CAS-No.: 68515-73-1</b>	<b>EC No.:</b>
Classification (EC 1272/2008) Eye Dam. 1 - H318	Classification (67/548/EEC) Xi;R41.
<b>LAURAMINE OXIDE</b>	<b>1-5%</b>
<b>CAS-No.: 1643-20-5</b>	<b>EC No.: 216-700-6</b>
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Dam. 1 - H318	Classification (67/548/EEC) Xi;R38,R41.
<b>LIMONENE</b>	<b>&lt; 1%</b>
<b>CAS-No.: 138-86-3</b>	<b>EC No.: 205-341-0</b>
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC) R10 R43 Xi;R38 N;R50/53
<b>SODIUM LAURYL SULPHATE</b>	<b>10-30%</b>
<b>CAS-No.: 151-21-3</b>	<b>EC No.: 205-788-1</b>
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335	Classification (67/548/EEC) Xn;R21/22. Xi;R36/37/38.

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

# WASHING UP LIQUID - CLEMENTINE

## **Inhalation**

Move the exposed person to fresh air at once.

## **Ingestion**

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Immediately rinse mouth and drink plenty of water (200-300 ml). In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

## **Skin contact**

Rinse immediately with plenty of water.

## **Eye contact**

Make sure to remove any contact lenses from the eyes before rinsing. Rinse the eye with water immediately. Get medical attention if any discomfort continues.

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

### **Inhalation**

May cause irritation to the respiratory system.

### **Ingestion**

May cause discomfort if swallowed. May cause stomach pain or vomiting.

### **Skin contact**

Prolonged skin contact may cause redness and irritation.

### **Eye contact**

May cause temporary eye irritation.

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

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

## **SECTION 5: FIREFIGHTING MEASURES**

### **5.1. Extinguishing media**

#### **Extinguishing media**

Use fire-extinguishing media appropriate for surrounding materials.

#### **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**

During fire, toxic gases (CO, CO<sub>2</sub>) are formed.

#### **Unusual Fire & Explosion Hazards**

No unusual fire or explosion hazards noted.

#### **Specific hazards**

The product is non-combustible. If heated, toxic vapours may be formed.

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

#### **Special Fire Fighting Procedures**

No specific fire fighting procedure given.

#### **Protective equipment for fire-fighters**

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Wear protective clothing as described in Section 8 of this safety data sheet. Wash thoroughly after dealing with a spillage.

### **6.2. Environmental precautions**

Avoid discharge to the aquatic environment.

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

Absorb in vermiculite, dry sand or earth and place into containers. Flush area clean with lots of water. Be aware of potential for surfaces to become slippery.

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

Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards.  
For waste disposal, see section 13.

## **SECTION 7: HANDLING AND STORAGE**

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

Read and follow manufacturer's recommendations. Avoid contact with eyes. Wash hands after handling. For prolonged or repeated skin contact use suitable protective gloves.

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

Store in tightly closed original container in a dry and cool place.

### **7.3. 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**

#### **Ingredient Comments**

No exposure limits noted for ingredient(s).

### **8.2. Exposure controls**

#### **Hand protection**

For prolonged or repeated skin contact use suitable protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

#### **Eye protection**

Avoid contact with eyes.

#### **Hygiene measures**

Wash hands after handling.

#### **Environmental Exposure Controls**

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>	Colourless. to Light (or pale). Straw.
<b>Odour</b>	Citrus
<b>Solubility</b>	Completely soluble in water
<b>Initial boiling point and boiling range (°C)</b>	
Not determined.	
<b>Melting point (°C)</b>	
Not determined.	
<b>Relative density</b>	0.98 - 1.05
<b>Vapour density (air=1)</b>	
Not determined.	
<b>Vapour pressure</b>	
Not determined.	
<b>Evaporation rate</b>	
Not determined.	
<b>pH-Value, Conc. Solution</b>	7.6 - 8.5

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### Viscosity

Not determined.

### Decomposition temperature (°C)

Not determined.

### Auto Ignition Temperature (°C)

Not determined.

### Flammability Limit - Lower(%)

Not determined.

### Flammability Limit - Upper(%)

Not determined.

### Partition Coefficient

(N-Octanol/Water)

Not determined.

### Explosive properties

Not considered to be explosive.

### Oxidising properties

Not relevant

## 9.2. Other information

Not determined.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

### 10.3. Possibility of hazardous reactions

#### Hazardous Polymerisation

Will not polymerise.

### 10.4. Conditions to avoid

There are no known conditions that are likely to result in a hazardous situation.

### 10.5. Incompatible materials

#### Materials To Avoid

No incompatible groups noted.

### 10.6. Hazardous decomposition products

During fire, toxic gases (CO, CO<sub>2</sub>) are formed.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Acute toxicity:

##### Acute Toxicity (Oral LD50)

Not determined.

##### Acute Toxicity (Dermal LD50)

Not determined.

##### Acute Toxicity (Inhalation LC50)

Not determined.

#### Skin Corrosion/Irritation:

Based on available data the classification criteria are not met.

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## Serious eye damage/irritation:

Based on available data the classification criteria are not met.

## Respiratory or skin sensitisation:

### **Respiratory sensitisation**

Not determined.

### **Skin sensitisation**

Not determined.

## Germ cell mutagenicity:

### **Genotoxicity - In Vitro**

Not determined.

### **Genotoxicity - In Vivo**

Not determined.

## Carcinogenicity:

### **Carcinogenicity**

Not determined.

## Reproductive Toxicity:

### **Reproductive Toxicity - Fertility**

Not determined.

### **Reproductive Toxicity - Development**

Not determined.

## Specific target organ toxicity - repeated exposure:

### **STOT - Repeated exposure**

Not determined.

## Toxicological information on ingredients.

### LIMONENE (CAS: 138-86-3)

#### Acute toxicity:

##### **Acute Toxicity (Oral LD50)**

5300 mg/kg Rat

Miscellaneous data sources.

#### Skin Corrosion/Irritation:

Miscellaneous supplier's safety datasheet

Irritating.

#### Respiratory or skin sensitisation:

Miscellaneous supplier's safety datasheet

Sensitising.

### ALKYLPOLYGLYCOSIDE C10-16 (CAS: 110615-47-9)

#### Acute toxicity:

##### **Acute Toxicity (Oral LD50)**

> 5000 mg/kg Rat

Miscellaneous data sources.

##### **Acute Toxicity (Dermal LD50)**

> 2000 mg/kg Rabbit

Miscellaneous data sources.

**WASHING UP LIQUID - CLEMENTINE**  
**ALKYLPOLYGLYCOSIDE C8-10 (CAS: 68515-73-1)**

**Acute toxicity:**

**Acute Toxicity (Oral LD50)**

> 5000 mg/kg Rat

**Acute Toxicity (Dermal LD50)**

> 5000 mg/kg Rabbit

**Serious eye damage/irritation:**

Irritating to eyes.

**LAURAMINE OXIDE (CAS: 1643-20-5)**

**Acute toxicity:**

**Acute Toxicity (Oral LD50)**

2700 mg/kg Mouse

Miscellaneous data sources.

**WASHING UP LIQUID - CLEMENTINE**  
**SODIUM LAURYL SULPHATE (CAS: 151-21-3)**

**Acute toxicity:**

**Acute Toxicity (Oral LD50)**

977 mg/kg Rat

REACH dossier information

**Acute Toxicity (Dermal LD50)**

> 500 mg/kg Rabbit

REACH dossier information

**Skin Corrosion/Irritation:**

**Erythema/eschar score**

Well defined erythema (2).

**Oedema score**

Slight oedema - edges of area well defined by definite raising (2).

REACH dossier information

Irritating.

**Serious eye damage/irritation:**

Irritating.

**Respiratory or skin sensitisation:**

**Skin sensitisation**

Guinea pig maximization test (GPMT): Guinea Pig

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Not Sensitising.

**Germ cell mutagenicity:**

**Genotoxicity - In Vitro**

Gene Mutation:

REACH dossier information

Negative.

Based on available data the classification criteria are not met.

**Genotoxicity - In Vivo**

Chromosome aberration:

REACH dossier information

Negative.

Based on available data the classification criteria are not met.

**Carcinogenicity:**

**Carcinogenicity**

NOEL >1125 mg/kg/day Oral Rat

REACH dossier information

Based on available data the classification criteria are not met.

**Target organ for carcinogenicity**

Not relevant

**Reproductive Toxicity:**

**Reproductive Toxicity - Development**

Maternal toxicity: NOAEL 250 mg/kg/day Oral Rat

REACH dossier information

Based on available data the classification criteria are not met.

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

**STOT - Repeated exposure**

NOAEL 488 mg/kg/day Oral Rat



# WASHING UP LIQUID - CLEMENTINE

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## Target Organs

Kidneys Liver

Based on available data the classification criteria are not met.

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

The product is not expected to be hazardous to the environment.

#### Ecological information on ingredients.

#### ALKYLPOLYGLYCOSIDE C10-16 (CAS: 110615-47-9)

##### Ecotoxicity

No data on possible environmental effects have been found.

### 12.1. Toxicity

#### Ecological information on ingredients.

#### LIMONENE (CAS: 138-86-3)

##### Acute Toxicity - Fish

LC50 96 hours 80 mg/l Onchorhynchus mykiss (Rainbow trout)

Miscellaneous supplier's safety datasheet

##### Acute Toxicity - Aquatic Invertebrates

EC50 48 hours 17 mg/l Daphnia magna

Miscellaneous supplier's safety datasheet

#### ALKYLPOLYGLYCOSIDE C8-10 (CAS: 68515-73-1)

##### Acute Toxicity - Fish

LC50 96 hours > 126 mg/l Brachydanio rerio (Zebra Fish)

REACH dossier information

##### Acute Toxicity - Aquatic Invertebrates

EC50 48 hours > 100 mg/l Daphnia magna

REACH dossier information

##### Acute Toxicity - Aquatic Plants

EC50 72 hours 27.22 mg/l Scenedesmus subspicatus

REACH dossier information

#### LAURAMINE OXIDE (CAS: 1643-20-5)

##### Acute Fish Toxicity

No data available.

#### SODIUM LAURYL SULPHATE (CAS: 151-21-3)

##### Acute Toxicity - Fish

LC50 96 hours 29 mg/l Pimephales promelas (Fat-head Minnow)

REACH dossier information

##### Acute Toxicity - Aquatic Invertebrates

LC50 48 hours 5.55 mg/l Ceriodaphnia dubia

REACH dossier information

##### Acute Toxicity - Aquatic Plants

EC50 72 hours > 120 mg/l Scenedesmus subspicatus

REACH dossier information

NOEC 72 hours 30 mg/l Scenedesmus subspicatus

REACH dossier information

##### Acute Toxicity - Microorganisms

EC50 3 hours 135 mg/l Activated sludge

REACH dossier information

### 12.2. Persistence and degradability

## WASHING UP LIQUID - CLEMENTINE

### 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.

#### Ecological information on ingredients.

#### SODIUM LAURYL SULPHATE (CAS: 151-21-3)

##### Degradability

The substance is readily biodegradable.

##### Biodegradation

Water 95% 28 days

REACH dossier information

### 12.3. Bioaccumulative potential

#### Bioaccumulative potential

No data available on bioaccumulation.

#### Partition coefficient

Not determined.

### 12.4. Mobility in soil

#### Mobility:

The product is soluble in water.

#### Ecological information on ingredients.

#### SODIUM LAURYL SULPHATE (CAS: 151-21-3)

##### Mobility:

Soluble in water.

##### Adsorption/Desorption Coefficient

Soil Koc 316-446 25°C

REACH dossier information

##### Henry's Law Constant

0.0187 Pa m<sup>3</sup>/mol 25°C

REACH dossier information

##### Surface tension

25.2 mN/m 23°C

REACH dossier information

### 12.5. Results of PBT and vPvB assessment

Not determined.

### 12.6. Other adverse effects

Not determined.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Recover and reclaim or recycle, if practical.

## SECTION 14: TRANSPORT INFORMATION

### General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

# WASHING UP LIQUID - CLEMENTINE

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

Not applicable.

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

Not applicable.

### **Transport Labels**

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.

## **SECTION 15: REGULATORY INFORMATION**

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

#### **Approved Code Of Practice**

Classification and Labelling of Substances and Preparations Dangerous for Supply.

#### **Guidance Notes**

CHIP for everyone HSG(108).

Workplace Exposure Limits EH40.

CESIO Guidance on Regulation (EC) No. 648/2004.

#### **EU Legislation**

EC Regulation EC648/2004 on Detergents.

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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

### **15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out.

## **SECTION 16: OTHER INFORMATION**

### **Revision Comments**

Format updated in accordance with Regulation (EU) No. 453/2010.

**Revision Date** 10-2012

**Revision** 1

**Supersedes date** 02-2012

## WASHING UP LIQUID - CLEMENTINE

### Risk Phrases In Full

R10	Flammable.
R21/22	Harmful in contact with skin and if swallowed.
R36/37/38	Irritating to eyes, respiratory system and skin.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
NC	Not classified.
R41	Risk of serious damage to eyes.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### Hazard Statements In Full

H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.
H410	Very toxic to aquatic life with long lasting effects.
H400	Very toxic to aquatic life.