

## SAFETY DATA SHEET

### Swarfega Orange

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

##### 1.1. Product identifier

**Product name** Swarfega Orange  
**Product number** 6025, 8098, 5025, 0690, 0695, Malaysia SOR4LMP, SORC4LTR, SOR400MP

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

**Identified uses** Hand cleaner.

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

**Supplier** SC Johnson Professional Ltd  
Denby Hall Way  
Denby  
Derbyshire  
DE5 8JZ  
+44 (0) 1773 855100  
info.prouk@scj.com

##### 1.4. Emergency telephone number

**Emergency telephone** National Poisons Information Service (UK) 0344 8920111 (Health Professionals only)

#### SECTION 2: Hazards identification

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

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

**Physical hazards** Not Classified  
**Health hazards** Eye Dam. 1 - H318 Skin Sens. 1 - H317  
**Environmental hazards** Aquatic Chronic 3 - H412

**HSNO Category:** 8.3A

##### 2.2. Label elements

###### Hazard pictograms



**Signal word** Danger

**Hazard statements** H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H412 Harmful to aquatic life with long lasting effects.

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<b>Precautionary statements</b>	<p>P261 Avoid breathing vapour/ spray.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
<b>Contains</b>	ALCOHOLS, C12-14 ETHOXYLATED, d-LIMONENE, METHYL-2H or METHYL-4 (3:1) Mixture of EC NO 220-239-6

### 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>ALCOHOLS, C12-14 ETHOXYLATED</b>	<b>1-10%</b>
CAS number: 68439-50-9                      EC number: 500-213-3                      REACH registration number: 01-2119487984-16-0000  M factor (Acute) = 1	
<b>Classification</b> Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412	
<b>d-LIMONENE</b>	<b>&lt;1%</b>
CAS number: 5989-27-5                      EC number: 227-813-5  M factor (Acute) = 1                      M factor (Chronic) = 1	
<b>Classification</b> Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	

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<b>BRNOPOL (INN)</b>		<b>&lt;1%</b>
CAS number: 52-51-7	EC number: 200-143-0	REACH registration number: 01-2119980938-15-XXXX
M factor (Acute) = 10		
<b>Classification</b>		
Acute Tox. 4 - H302		
Acute Tox. 4 - H312		
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318		
STOT SE 3 - H335		
Aquatic Acute 1 - H400		
Aquatic Chronic 2 - H411		
<b>POTASSIUM HYDROXIDE</b>		<b>&lt;1%</b>
CAS number: 1310-58-3	EC number: 215-181-3	REACH registration number: 01-2119487136-33-XXXX
<b>Classification</b>		
Met. Corr. 1 - H290		
Acute Tox. 4 - H302		
Skin Corr. 1A - H314		
Eye Dam. 1 - H318		
<b>METHYL-2H or METHYL-4 (3:1) Mixture of EC NO 220-239-6</b>		<b>&lt;1%</b>
CAS number: 55965-84-9		
M factor (Acute) = 1	M factor (Chronic) = 1	
<b>Classification</b>		
Acute Tox. 3 - H301		
Acute Tox. 3 - H311		
Acute Tox. 3 - H331		
Skin Corr. 1B - H314		
Eye Dam. 1 - H318		
Skin Sens. 1 - H317		
Aquatic Acute 1 - H400		
Aquatic Chronic 1 - H410		

The full text for all hazard statements is displayed in Section 16.

**INCI** Aqua, Ethoxylated alcohol, Corn (Zea mays) meal, D'limonene, Fragrance, Acrylates/C10-30 alkyl acrylate crosspolymer, Potassium hydroxide, Tetrasodium EDTA, Wheat germ oil, Titanium dioxide, 2-Bromo-2-nitropropane-1,3-diol, Methylisothiazolinone, Methylchloroisothiazolinone, Magnesium nitrate, Magnesium citrate, BHT, CI 19140, CI 16035

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**Inhalation** Not relevant. Unlikely route of exposure as the product does not contain volatile substances.

**Ingestion** Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

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<b>Skin contact</b>	Not relevant.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

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

<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	No specific symptoms known.
<b>Skin contact</b>	None.
<b>Eye contact</b>	May cause temporary eye irritation.

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

<b>Notes for the doctor</b>	No specific recommendations.
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## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

**Suitable extinguishing media** The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

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

**Hazardous combustion products** No known hazardous decomposition products.

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

**Protective actions during firefighting** No specific firefighting precautions known.

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

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

**Personal precautions** Avoid contact with eyes.

### **6.2. Environmental precautions**

**Environmental precautions** Not considered to be a significant hazard due to the small quantities used.

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

**Methods for cleaning up** Flush away spillage with plenty of water. Avoid contamination of ponds or watercourses with washing down water. Absorb spillage with non-combustible, absorbent material. Do not discharge into drains or watercourses or onto the ground.

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

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

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

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

**Usage precautions** Avoid contact with eyes.

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

**Storage precautions** Store at temperatures between 0°C and 30°C. 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.

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### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### **POTASSIUM HYDROXIDE**

Long-term exposure limit (8-hour TWA): WEL

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

WEL = Workplace Exposure Limit

##### **ALCOHOLS, C12-14 ETHOXYLATED (CAS: 68439-50-9)**

<b>DNEL</b>	<ul style="list-style-type: none"> <li>- ; Long term systemic effects: 294 mg/m<sup>3</sup></li> <li>Workers - Dermal; Long term systemic effects: 2080 mg/kg/day</li> <li>General population - Inhalation; Long term systemic effects: 87 mg/m<sup>3</sup></li> <li>General population - Dermal; Long term systemic effects: 1250 mg/kg/day</li> <li>General population - Oral; Long term systemic effects: 25 mg/kg/day</li> </ul>
<b>PNEC</b>	<ul style="list-style-type: none"> <li>- Fresh water; 0.0437 mg/l</li> <li>- marine water; 0.043.7 mg/l</li> <li>- Intermittent release; 0.004 mg/l</li> <li>- STP; 10 g/L</li> <li>- Sediment (Freshwater); 31 mg/kg</li> <li>- Sediment (Marinewater); 31 mg/kg</li> <li>- Soil; 1 mg/kg</li> </ul>

##### **BRONOPOL (INN) (CAS: 52-51-7)**

<b>DNEL</b>	<ul style="list-style-type: none"> <li>Workers - Inhalation; Long term systemic effects: 4.1 mg/m<sup>3</sup></li> <li>Workers - Inhalation; Short term systemic effects: 12.3 mg/m<sup>3</sup></li> <li>Workers - Inhalation; Long term local effects: 4.2 mg/m<sup>3</sup></li> <li>Workers - Inhalation; Short term local effects: 4.2 mg/m<sup>3</sup></li> <li>Workers - Dermal; Long term systemic effects: 2.3 mg/kg/day</li> <li>Workers - Dermal; Short term systemic effects: 7 mg/kg/day</li> <li>Workers - Dermal; Long term local effects: 13 µg/cm<sup>2</sup></li> <li>Workers - Dermal; Short term local effects: 13 µg/cm<sup>2</sup></li> <li>General population - Inhalation; Long term systemic effects: 1.2 mg/m<sup>3</sup></li> <li>General population - Inhalation; Short term systemic effects: 3.7 mg/m<sup>3</sup></li> <li>General population - Inhalation; Long term local effects: 1.3 mg/m<sup>3</sup></li> <li>General population - Inhalation; Short term local effects: 1.3 mg/m<sup>3</sup></li> <li>General population - Dermal; Long term systemic effects: 1.4 mg/kg/day</li> <li>General population - Dermal; Short term systemic effects: 4.2 mg/kg/day</li> <li>General population - Dermal; Long term local effects: 8 µg/cm<sup>2</sup></li> <li>General population - Oral; Long term systemic effects: 0.35 mg/kg/day</li> <li>General population - Oral; Short term systemic effects: 1.1 mg/kg/day</li> </ul>
<b>PNEC</b>	<ul style="list-style-type: none"> <li>- Fresh water; 0.01 mg/l</li> <li>- marine water; 0.0008 mg/l</li> <li>- Intermittent release; 0.0025 mg/l</li> <li>- STP; 0.43 mg/l</li> <li>- Sediment (Freshwater); 0.041 mg/kg</li> <li>- Sediment (Marinewater); 0.00328 mg/kg</li> <li>- Soil; 0.5 mg/kg</li> </ul>

##### **POTASSIUM HYDROXIDE (CAS: 1310-58-3)**

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### DNEL

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

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

### 8.2. Exposure controls

#### Appropriate engineering controls

Not relevant.

#### Eye/face protection

Not required normally but wear eye protection if you are conducting an operation where there is a risk of this product getting in the eyes.

#### Hand protection

Not relevant.

#### Hygiene measures

Not relevant.

#### Respiratory protection

No specific recommendations.

## SECTION 9: Physical and chemical properties

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

#### Appearance

Viscous liquid.

#### Colour

Orange.

#### Odour

Perfume.

#### pH

pH (concentrated solution): 7-8

#### Relative density

0.9-1.0 @ °C

### 9.2. Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

#### Reactivity

There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

#### Stability

Stable at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

#### Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

#### 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 specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

#### Hazardous decomposition products

Does not decompose when used and stored as recommended.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Skin Sensitisation

Not sensitising.

#### Acute toxicity - oral

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**ATE oral (mg/kg)** 22,215.91

### Serious eye damage/irritation

**Serious eye damage/irritation** Risk of serious damage to eyes.

### Respiratory sensitisation

**Respiratory sensitisation** Not applicable.

**Inhalation** No specific health hazards known.

**Ingestion** May cause discomfort if swallowed.

**Skin contact** Skin irritation should not occur when used as recommended.

**Eye contact** May cause temporary eye irritation.

## SECTION 12: Ecological information

**Ecotoxicity** Not regarded as dangerous for the environment.

### 12.1. Toxicity

### 12.2. Persistence and degradability

**Persistence and degradability** The product is biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

### 12.4. Mobility in soil

**Mobility** The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** When handling waste, the safety precautions applying to handling of the product should be considered.

**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.

**Rail transport notes** Not classified.

**Sea transport notes** Not classified.

**Air transport notes** Not classified.

### 14.1. UN number

Not applicable.

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### 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 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

<b>National regulations</b>	Country/Region Inventory AustraliaAICS All components listed	Status
<b>Guidance</b>	Country/Region Inventory AustraliaAICS All components listed	Status
<b>Health and environmental listings</b>	Country/Region Inventory Status AustraliaAICS All components listed	
<b>HSNO Approval No:</b>	HSR002552	

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

<b>Revision comments</b>	Revision of information
<b>Revision date</b>	23/07/2019
<b>Revision</b>	4
<b>Supersedes date</b>	19/10/2011



## Swarfega Orange

<b>Hazard statements in full</b>	H226 Flammable liquid and vapour. H290 May be corrosive to metals. H301 Toxic if swallowed. H302 Harmful if swallowed. H311 Toxic in contact with skin. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H331 Toxic if inhaled. H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.
<b>Notes for Hazard Statements in Full</b>	The full text for Hazard Statements in section 16 relates to the reference numbers in sections 2 and 3 and not necessarily the finished product classification.

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.