

**1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING**

**1.1 Product Identifier**

Material name : Handreinigingsdoekjes Orange Force (75st)  
Product code : 200950

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

Product use : Hand and equipment cleaning towels.

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

Manufacturer/Supplier: Carlton Nederland B.V.  
www.carlon.nl  
The Netherlands  
Tel: 0316 547 427  
Fax: 0316 547 336  
E-mail: info@carlon.nl

Inlichtingengevende  
sector : R. Geurtsen

1.4 Emergency tel. no. : During normal opening hours: Tel: 0316 547 4 27

**2. HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

**Classification 1272/2008/EC**

Exempt as product is a cosmetic; see Sections 11 and 12 for any relevant toxicological and ecological information.

**2.2 Label elements**

**Labelling according to 1272/2008/EC**

Exempt from labelling requirements as product is a cosmetic. See Section 16 for cosmetic ingredient labelling information.

**2.3 Other hazards**

No data available

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures:

#### Hazardous components

Chemical Name	CAS No./ EC No./ Reg. No	Classification (1272/2008/EC)	Content
d-LIMONENE	5989-27-5 227-813-5 02-2119494323-37-0000	Flam Liquid 3; H226 Skin Irrit.2; H315 Skin Sens.1; H317 Asp.Tox.1; H304 Aq.Chronic 1; H410	2.5-5%
DECYL GLUCOSIDE	110615-47-9/68515-73-1 - -	Skin Irrit.2; H315 Eye Irrit.1; H318	1-5%

**Other information:** Product is an aqueous mixture absorbed onto a cloth wipe.

See Section 16 for the full text of the H-statements noted above.

(1272/2008/EC: Classification, Labelling and Packaging of Substances and Mixtures (CLP) Regulation).

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

**General advice:** Remove casualty from exposure ensuring one's own safety whilst doing so. Never give anything by mouth to an unconscious person.

**Skin contact:** Not applicable – product is for use on skin.

**Eye contact:** Rinse with water for 10 minutes and seek medical advice if irritation persists.

**Ingestion:** Unlikely due to the product's physical properties; if affected, rinse mouth with water and give water to drink. Do not induce vomiting. Seek medical advice.

**Inhalation:** No undue effects in normal circumstances, if affected remove to fresh air and seek medical advice.

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

May cause irritation to skin in sensitive individuals with prolonged contact.

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

None.

**5. FIRE-FIGHTING MEASURES****5.1 Extinguishing media**

Suitable extinguishing media: Carbon dioxide; dry chemical powder; alcohol or polymer foam.

Unsuitable extinguishing media: High volume water jet

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

Specific hazards during fire-fighting: Irritating/toxic fumes may be released at elevated temperatures.

**5.3 Advice for fire-fighters:**

Special protective equipment: Wear self-contained breathing apparatus. Use personal protective equipment.

Further information: Standard procedure for chemical fires. Use water spray to cool unopened containers.  
Do not allow fire run-off to enter drains.

**6. ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

No special procedures necessary.

**6.2 Environmental precautions**

Unlikely to be a cause for concern due to the product's physical properties.

**6.3 Methods and materials for containment and cleaning up**

Wipe up any liquid spillage with absorbent material such as sand, earth, or vermiculite, and place in a labelled container for disposal in accordance with local/national regulations.

**6.4 References to other sections**

See sections 8 and 13 for personal protection and disposal information.

**7. HANDLING AND STORAGE****7.1 Precautions for safe handling**

Handle in accordance with standard good housekeeping practices.

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

Store in a cool, well ventilated area. Protect from frost, heat and sunlight. Incompatible with oxidising agents. Keep away from food, drink and animal feed. Keep container tightly closed. Keep in original container.

**7.3 Specific end use(s)**

No information available.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**8.1 Control parameters:** No ingredients have been assigned a Workplace Exposure Limit.

### 8.2 Exposure controls

**Engineering measures:** No specific engineering measures required.

#### Personal protective equipment

**Respiratory protection:** Not required.

**Hand protection:** Not applicable.

**Eye protection:** Not required.

**Skin and body protection:** Not required.

**Hygiene measures:** Observe good industrial hygiene and safety practices. Do not eat or drink whilst using the product.

**Environmental exposure controls:** Do not discharge into drains or rivers.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>State and colour</b>	Cloudy white aqueous liquid absorbed onto cloth wipe.
<b>Odour</b>	Orange
<b>Odour Threshold</b>	No data available
<b>Flammability</b>	Non-flammable, but may be combustible.
<b>Flash point</b>	Not applicable
<b>Lower explosion limit</b>	Not applicable
<b>Upper explosion limit</b>	Not applicable
<b>Explosive properties</b>	Not explosive
<b>Thermal decomposition</b>	No data available
<b>Auto-ignition temperature</b>	Not applicable
<b>Oxidising properties</b>	Non-oxidising
<b>Solubility in water</b>	Dispersible (liquid)
<b>Solubility in other solvents</b>	Not determined
<b>pH</b>	9.7-10.2
<b>Melting point/range</b>	No data available
<b>Boiling point/range</b>	No data available
<b>Relative density</b>	0.99
<b>Vapour pressure</b>	No data available
<b>Vapour density</b>	No data available
<b>Partition coefficient: n-octanol/water</b>	No data available
<b>Viscosity (kinematic)</b>	No data available
<b>Evaporation rate</b>	No data available

## 10. STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>	Generally non-reactive.
<b>10.2 Chemical stability</b>	Stable under normal conditions.
<b>10.3 Possibility of hazardous reactions</b>	None if stored and used as directed.
<b>10.4 Conditions to avoid</b>	Naked flames, ignition sources.
<b>10.5 Incompatible materials</b>	Strong oxidising agents. Strong acids.
<b>10.6 Hazardous decomposition products</b>	Oxides of carbon.

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## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity

Chemical name	Oral (LD50)	Inhalation (LC50)	Dermal (LD50)
d-LIMONENE	>4300-5500 mg/kg (Rat)	>1000 mg/kg (Mouse)	>5000 mg/kg (Rabbit)
DECYL GLUCOSIDE	>2000 mg/kg (Rat)	No data available.	No data available.

**Skin corrosion/irritation:** d-Limonene: Irritating to skin.  
Decyl Glucoside: Irritating to skin.

**Serious eye damage/eye irritation:** d-Limonene: Irritating to eyes.  
Decyl Glucoside: Severely irritating to eyes.

**Respiratory or skin sensitisation:** d-Limonene: May cause sensitisation in some individuals.  
Decyl Glucoside: Non-sensitising.

**Repeated dose toxicity:** d-Limonene: No data available.  
Decyl Glucoside: No data available.

**Carcinogenicity:** d-Limonene: Not carcinogenic  
Decyl Glucoside: No data available.

**Mutagenicity:** d-Limonene: Not mutagenic  
Decyl Glucoside: No data available.

**Toxicity for reproduction:** d-Limonene: Not toxic for reproduction.  
Decyl Glucoside: No data available.

**Specific target organ toxicity (STOT):** d-Limonene: No data available.  
Decyl Glucoside: No data available.

#### Further information

Because the level of hazardous ingredients present is low, the product as a whole is unlikely to cause any significant adverse effects.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Chemical name	Species	Test	Value
d-LIMONENE	Daphnia	EC50 48h	0.4 mg/l
	Fish	LC50 48h	33 mg/l
	Algae	EC50 72h	4 mg/l
DECYL GLUCOSIDE	Fish	LC50 48h	10-100 mg/l

**12.2 Persistence and degradability** Readily biodegradable.

**12.3 Bioaccumulative potential** Not expected to bioaccumulate.

**12.4 Mobility in soil** The liquid product is dispersible in water and migrates through soil.

**12.5 Results of PBT and vPvB assessment** Contains no PBT or vPvB substances.

**12.6 Other adverse effects** None.

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## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Disposal operations: Dispose of in accordance with local and national regulations. Do not dispose of waste into sewer.

Do not dispose of together with household waste. Contact licensed waste disposal company.

Empty containers should be taken to an approved waste handling site for recycling or disposal.

Do not burn or use a cutting torch on the empty container.

## 14. TRANSPORT INFORMATION

ADR / RID Not classified as hazardous for transport purposes.

IMDG / IMO Not classified as hazardous for transport purposes.

IATA / ICAO Not classified as hazardous for transport purposes.

## 15. REGULATORY INFORMATION

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

Volatile Organic Compounds (VOC) content: 30 g/l. (Directive 1999/13/EC)

The surfactant(s) contained in this product complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

WGK Class = 1

### 15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been performed on this product.

## 16. OTHER INFORMATION

This safety data sheet is prepared in accordance with Regulation EU 453/2010, amending Regulation (EC) No 1907/2006 (REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals).

Tariff number: 34011900.

### Labelling according to Regulation (EC) 1223/2009 on Cosmetic Products:

Aqua, Decyl Glucoside, d-Limonene, Sorbitan Laurate, Benzyl Alcohol, BHT, 2-Bromo-2-Nitropropane-1,3-diol, Iodopropynyl Butylcarbamate.

### Full text of H-statements referred to under section 3

- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H410 Very toxic to aquatic life with long lasting effects.

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## 16. Other information (continued)

### Abbreviations and acronyms

CAS: Chemical Abstract Service (division of the American Chemical Society). {Section 3}.

STOT: Single Target Organ Toxicity (Section 3 and 11).

EC50: Effective Concentration, 50 percent. (Section 12).

LC50: Lethal Concentration, 50 percent. (Section 11/12).

LD50: Lethal Dose, 50 percent. (Section 11).

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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