

# SAFETY DATA SHEET

## Yocoair Spray

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

Date issued 30.11.2012

#### 1.1. Product identifier

Product name Yocoair Spray

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

Use of the substance/preparation Deodorising spray

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

##### Manufacturer

Company Odén AB  
Postal address Gunnarstorp Gläntan 2  
SE-590 75 Ljungsbro  
Sweden  
Tel +46 (0)13 62084  
Fax +46 (0)13 62083  
E-mail [info@luktfritt.nu](mailto:info@luktfritt.nu)  
<http://www.luktfritt.nu>

#### 1.4. Emergency telephone number

Only emergency call number: 112 or 999

### SECTION 2: Hazards identification

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

Classification notes Classification according to 67/548/EEC or 1999/45/EC: Not classified.

Substance / mixture hazardous properties None.

#### 2.2. Label elements

R phrases None

S phrases None

The Safety Data Sheet is available upon request for professional users.

#### 2.3. Other hazards

The product contains no PBT or vPvB substances.

Warning! Yocoair can neutralize any odoring agent that has been added to gases.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Component name	Identification	Classification	Contents
Sodium hydrogen carbonate	CAS no.: 144-55-8 EC no.: 205-633-8		1 - 10 %
Sodium carbonate	CAS no.: 497-19-8 EC no.: 207-838-8 Index no.: 011-005-00-2	Xi; R36 Eye Irrit. 2; H319	< 5 %
Component comments	See section 16 for explanation of Risk-phrases (R) and hazard statements (H) listed above.		

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

General If in doubt, seek medical advice.

Inhalation Fresh air.

Skin contact Rinse the skin immediately with lots of water. Remove contaminated clothing. Get medical attention if any discomfort continues.

Eye contact Immediately rinse with water for several minutes. Hold the eyelids apart. Remove any contact lenses. By prolonged rinsing, use luke warm water to avoid damage to the eye. Get medical attention if any discomfort continues.

Ingestion Rinse mouth thoroughly. Drink a few glasses of water or milk. Do not induce vomiting. Get medical attention if any discomfort continues.

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

Inhalation: no symptoms known.  
Skin contact: prolonged contact may cause dry skin.  
Eye contact: transient irritation (redness, burning, tearing).  
Ingestion: normally no symptoms, large quantities can cause bloating, abdominal pain.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media All common fire extinguishing agents may be used. Use fire-extinguishing media appropriate for surrounding materials.

Improper extinguishing media Do not use water jet.

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

Fire and explosion hazards The product is non-combustible.

Hazardous combustion products Can include, but are not limited to: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

#### 5.3. Advice for firefighters

Self-contained breathing apparatus may be required by rescue workers. In case of evacuation, use escape mask where possible.

Containers close to fire should be removed immediately or cooled with water. Extinguishing water must not be discharged into drains.

### SECTION 6: Accidental release measures

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

Ventilate well. For personal protection, see section 8.

#### 6.2. Environmental precautions

Do not allow to enter into sewer, water system or soil.

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

Absorb spillage with suitable absorbent material. Small quantities can be dissolved/diluted in water and flushed to drain. Collect in suitable containers and deliver as waste according to section 13.

#### 6.4. Reference to other sections

See also sections 8 and 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Avoid inhalation of aerosols. Avoid contact with eyes and skin.  
NOTE! May stain material that can't withstand cleaning with water, such as leather, suede, silk, etc.

#### Protective Measures

Wash hands after contact with the product. Do not eat, drink or smoke during work.

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

Keep in original container. In a cool, nonfreezing location.

Keep away from: Strong acids. Strong alkali.

#### 7.3. Specific end use(s)

See section 1.2.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Contains no substances with occupational exposure limit values.

#### 8.2. Exposure controls

Provide adequate ventilation. Eye wash facilities should be available when handling this product. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

#### Respiratory protection

Normally not required.

#### Hand protection

Normally not required. For prolonged or repeated skin contact use suitable protective gloves.

	No special material is recommended, as the product will not penetrate plastic or rubber.
<b>Eye / face protection</b>	
	Normally not necessary. Wear approved chemical safety goggles where eye exposure is reasonably probable.
<b>Skin protection</b>	
	Ordinary workwear.
<b>Appropriate environmental exposure control</b>	
	Do not allow to enter into sewer, water system or soil.
<b>Other Information</b>	
	The listed protective equipment is a recommendation. A risk assessment of the actual risk may lead to other requirements.

## SECTION 9: Physical and chemical properties

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

Physical state	Fluid.
Colour	Colourless.
Odour	Odourless.
Odour limit	Not determined.
pH (as supplied)	8 (20 °C)
Melting point/melting range	~ 0 °C
Boiling point / boiling range	~ 100 °C
Flash point	Not applicable.
Evaporation rate	Not determined.
Flammability (solid, gas)	Not applicable.
Explosion limit	Not determined.
Vapour pressure	Not determined.
Specific gravity	~ 1 g/cm <sup>3</sup>
	Method of testing: estimated
Solubility description	Soluble in water.
Partition coefficient: n-octanol / water	Not relevant for a mixture.
Spontaneous combustability	Not determined.
Decomposition temperature	Not determined.
Viscosity	Not determined.

### Physical hazards

Explosive properties	No explosive properties.
Oxidising properties	Not oxidising.

### 9.2. Other information

#### Other physical and chemical properties

No further information is available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is stable at the given use and storing conditions.

### 10.2. Chemical stability

Stable under normal temperature conditions.

### 10.3. Possibility of hazardous reactions

No hazardous reactions known.

### 10.4. Conditions to avoid

Avoid frost. Avoid temperatures exceeding 50 °C.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

None under normal conditions. See also section 5.2.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Sodium carbonate:  
LD50 (oral, rat) = 4090 mg/kg

LC50 (inh, rat, 4h) < 2,3 mg/l

Sodium hydrogen carbonate:  
LD50 (oral, rat) = 4220 mg/kg

Source: Prevent data base "Kemiska ämnen"

#### Other information regarding health hazards

The product does not meet the criteria for classification as hazardous or irritant.

#### Potential acute effects

Inhalation	No symptoms known.
Skin contact	May be degreasing after frequent contact.
Eye contact	May cause temporary eye irritation.
Ingestion	Low acute toxicity. Ingestion of significant amounts may cause nausea and vomiting.

#### Delayed effects / repeated exposure

Sensitisation	Skin sensitisation: Not Sensitising. Respiratory sensitisation: Not Sensitising.
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#### Carcinogenic, Mutagenic or Reprotoxic

Carcinogenicity	Based on available data, the classification criteria are not met.
Mutagenicity	Based on available data, the classification criteria are not met.
Teratogenic properties	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

#### 12.1. Ecotoxicity

Sodium carbonate:  
LC50 (fish, 96h) = 300 mg/l [*Lepomis macrochirus*]  
EC50 (daphnia, 48h) = 265 mg/l [*D magna*]

Sodium hydrogen carbonate:  
LC50 (fish, 96h) = 7550 mg/l [*Gambusia affinis*]  
EC50 (daphnia, 48h) = 2350 mg/l [*D magna*]  
EC50 (algae, 120h) = 650 mg/l [*Nitscheria linearis*]

Source: Prevent data base "Kemiska ämnen"

The product is not classified as dangerous for the environment.

#### 12.2. Persistence and degradability

The product consists mainly of inorganic materials which are not biodegradable.  
Sodium hydrogen carbonate dissociates in water to sodium and hydrogen carbonate ions.  
Sodium carbonate dissociates in water to sodium and carbonate ions.

#### 12.3. Bioaccumulative potential

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

#### 12.4. Mobility in soil

The product is water soluble and may spread in water systems.

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

The mixture does not meet current criteria for PBT (Persistent, bioaccumulative and toxic) or vPvB (very persistent and very bioaccumulative).

#### 12.6. Other adverse effects

Do not allow to enter into sewer, water system or soil.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Confirm disposal procedures with local regulations. The waste code (EWC) is intended as a guide. The user must select a code if the use differs from the one mentioned above. Empty and cleaned packages may be disposed of or recycled as household waste.

The product is not classified as hazardous waste.

EWC waste code 06 03 14 solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13

#### **SECTION 14: Transport information**

##### **14.1. UN number**

Not dangerous goods.

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

Not relevant.

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

Not relevant.

##### **14.4. Packing group**

Not relevant.

##### **14.5. Environmental hazards**

Not relevant.

##### **14.6. Special precautions for user**

Not relevant.

##### **14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not relevant.

#### **SECTION 15: Regulatory information**

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

CHIP Regulations. The Chemicals (Hazard Information and Packaging for Supply) Regulation.  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council 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.  
Regulation (EC) No 1907/2006 (REACH) Annex II: Safety data sheets.  
Occupational Exposure Limits. EH40/2010.  
The Hazardous Waste (England and Wales) Regulations 2005 with amendments.  
Dangerous Goods regulations

The Safety Data Sheet is based on information provided by the producer.

##### **15.2. Chemical safety assessment**

Chemical safety assessment has not been carried out /is not required

#### **SECTION 16: Other information**

List of relevant R phrases (under headings 2 and 3).

R36 Irritating to eyes.

List of relevant H-phrases (Section 2 and 3).

H319 Causes Serious eye irritation.

Abbreviations and acronyms used

EC50: Median Effective Concentration, required to induce a 50% effect  
LC50: Concentration in water having 50% chance of causing death to aquatic life  
LD50: Lethal dose, is the amount of a substance given to a group of test animals, which causes the death of 50%.  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative

Information which has been added, deleted or revised  
Responsible for safety data sheet

Layout changed.

Odén AB