

# CombiWash Oven Detergent

## Material Safety Data Sheet

according to 1907/2006/EC

*This International MSDS is for information only. It does not meet all applicable regulatory requirements and does not replace the relevant statutory data sheet for your country.*

### 1 Product and company identification

**Brand name:** CombiWash Oven Detergent

**Application of the product:** Cleaning agent for ovens.

**Supplier:** HOUNÖ A/S, Alsvej 1, DK-8940 Randers SV

**Website:** [www.houno.com](http://www.houno.com)

**E-mail:** [houno@houno.com](mailto:houno@houno.com)

**Tel.:** +45 87 11 47 11 – **Fax:** +45 87 11 47 10

**Emergency information:** In case of emergency, seek medical advice immediately. Show the label and this safety data sheet where possible.

Contact local operating company.

### 2 Hazard identification

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#### Classification according to EC regulations:

The product has been classified and labelled in accordance with current EC directives.

#### Symbol and hazard indication of product:



Xi Irritant

#### Risk phrases:

41 Risk of serious eye damage.

#### Safety phrases:

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

39 Wear eye/face protection.

### 3 Composition / Information on ingredients

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#### Chemical characterisation

##### Description:

Mixture in water of non-dangerous ingredients and the substances listed below.

##### Hazardous ingredients:

CAS: 64-02-8 Tetrasodium ethylenediaminetetraacetate 15 – 30%

Xn; R 22-36

EINECS: 200-573-9

CAS: 13870-28-5 Disodium disilicate 5 – 15%

Xi; R 37/38-41

EINECS: 237-623-4

##### Additional information:

The full text of the relevant risk phrases is given in section 16.

### 4 First aid measures

**General information:** No special measures required.

**Inhalation:** No special measures required.

**Skin contact:** No special measures required.

**Eye contact:** Wash immediately with copious amounts of water and seek medical attention.

**Ingestion:** Rinse out mouth and then drink one or two glasses of water (or milk).  
Seek medical attention.

## 5 Fire fighting measures

### Suitable extinguishing media

CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

**Protective equipment:** No special measures required.

## 6 Accidental release measures

**Protection of personnel:** Not required.

**Environmental precautions:** Dilute with plenty of water.

### Methods of disposal:

Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).

Dispose of the collected material according to regulations.

## 7 Handling and storage

### Handling (see also sections 8 and 15)

#### Information for safe handling:

Use common rules for working with chemicals.

#### Information about protection against explosions and fires:

No special measures required.

### Storage

**Requirements for storage rooms and containers:** According to local legislation.

**Storage in one common storage facility:** According to local legislation.

**Further information about storage conditions:** None.

## 8 Exposure controls and personal protection

### Additional information about design of technical systems:

No further data, see section 7.

**Components with limit values that require monitoring at the workplace:** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

### Additional information:

The lists that were valid during the compilation were used as basis.

### Personal protective equipment

#### General protective and hygienic measures

Keep away from foodstuffs, beverages and food.

Take off immediately all contaminated clothing.

Wash hands during breaks and at the end of the work.

Avoid contact with the eyes.

**Breathing equipment:** Personal protection is not normally required.

#### Protection of hands:

In normal use, hand protection is not required.

#### Eye protection:

Tightly fitting safety glasses.

## 9 Physical and chemical properties

### General information

**Form:** Liquid

#### Colour:

Clear

Pale yellow

**Odour:** Characteristic

#### Changes in condition

<b>Melting point/Melting range:</b>	Not determined
<b>Boiling point/Boiling range:</b>	Not determined
<b>Flash point:</b>	Not applicable
<b>Spontaneous combustion:</b>	Product is not self-igniting.
<b>Danger of explosion:</b>	Product is not explosive.
<b>Density at 20°C:</b>	1.29 g/cm <sup>3</sup>
<b>Solubility in/Miscibility with water:</b>	Fully miscible
<b>pH-value:</b>	pH > 12.5

#### 10 Stability and reactivity

##### **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

**Dangerous reactions:** Reacts with acids.

**Hazardous decomposition products:** No dangerous decomposition products known.

#### 11 Toxicological information

##### **Acute toxicity**

##### **LD50 (oral):**

Based on the toxicological classification, the LD50 (oral) is estimated to be > 2000 mg/kg.

##### **Primary irritant effect:**

**Skin contact:** Unlikely to be irritant in normal use.

**Eye contact:** Causes severe irritation.

**Inhalation:** Causes irritation.

**Ingestion:** Causes irritation.

##### **Additional toxicological information**

EC classification: Irritant.

#### 12 Ecological information

##### **General notes:**

When used for its intended purpose, this product should not cause adverse effects in the environment.

#### 13 Disposal considerations

##### **Product**

##### **Recommendation:**

Dispose of observing official regulations.

**European Waste Catalogue 20 01 29:** Detergents containing dangerous substances.

##### **Uncleaned packagings**

**Recommendation:** Dispose of observing official regulations.

**Recommended cleaning agent:** Water, with cleaning agent if necessary.

#### 14 Transport information

##### **Land transport ADR/RID (cross-border)**

**ADR/RID class:** -

##### **Maritime transport IMDG**

**IMDG Class:** -

##### **Air transport ICAO-TI and IATA-DGR**

**ICAO/IATA Class:** -

##### **Transport/Additional information:**

Non-dangerous according to above regulations.

<b>15</b>	<b>Regulatory information</b>
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**Ingredients according to EC Detergents Regulation 648/2004:**

EDTA and salts thereof	15 – 30%
Phosphonates, polycarboxylates	< 5%

<b>16</b>	<b>Other information</b>
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The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract.

**Text of risk phrases associated with ingredients listed in section 3:**

22	Harmful if swallowed
37/38	Irritating to respiratory system and skin
41	Risk of serious eye damage.

**Department issuing material safety data sheet:**

Diversey, Denmark, +45 70 10 41 14.

Contact:

HOUNÖ A/S, Denmark, tel. +45 87 11 47 11

Version: 4 (replaces Version 3 of 28.07.2010)

MSDS reviewed: 18.11.2010

Revisions are indicated by an asterisk (\*).

This update implements EC declaration 1907/2006 (REACH)