

CombiWash Rinse Aid

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 Rinse Aid

Application: Rinsing agent for combi ovens

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

Webseite: www.houno.com

E-mail: 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 Hazards identification

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Classification according to EC regulations:

Non-dangerous according to the guidelines of the relevant EC directives.

Further indications on the label:

Material Safety Data Sheet available for professional users on request.

3 Composition / Information on ingredients

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Chemical characterization

Description:

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

Hazardous ingredients:

77-92-9 citric acid

< 5%

Xi; R 36

EINECS: 201-069-1

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.

Ingestion:

Rinse mouth and drink one or two glasses of water or milk.

If the symptoms persist, seek medical attention.

5 Fire fighting measures

Suitable extinguishing media

CO₂, 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 national regulations.

Additional information: No dangerous materials are released.

7 Handling and storage

Handling (see also sections 8 and 15)

Information about 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: No special requirements.

Storage in ordinary storage facilities: Not required.

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:

The usual precautionary measures for handling chemicals should be complied with.

Breathing protection: Personal protection is not normally required.

Protection of hands: In normal use, hand protection is not required.

Eye protection:

Safety glasses are not normally required. However, their use is recommended in those cases where handling the undiluted product involves a risk of splashing.

9 Physical and chemical properties

General information

| | |
|----------------|----------------|
| Form: | Liquid |
| Colour: | Clear, blue |
| Odour: | Characteristic |

Changes in condition

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|--|-----------------------------------|
| Melting point/melting range: | Not determined |
| Boiling point/boiling range: | Not determined |
| Flash point: | Not applicable |
| Spontaneous combustion: | The product is not self-igniting. |
| Danger of explosion: | The product is not explosive. |
| Density at 20°C: | 1.04 g/cm ³ |
| Solubility in/miscibility with water: | Fully miscible |
| pH-value: | pH ≤ 2.0 |

10 Stability and reactivity

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Dangerous reactions: Reacts with alkali.

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: Unlikely to be irritant in normal use.

Inhalation: Not applicable.

Ingestion: Unlikely to be harmful unless an excessive amount is ingested.

Additional toxicological information:

The product is not subject to labelling requirements for toxicological properties or human health effects under the EC Dangerous Substances and Preparations Directives.

When used and handled according to instructions, the product is unlikely to have any harmful effects.

12 Ecological information

General notes:

The organic substances in the product are ultimately easily decomposable and need not be ecologically classified.

13 Disposal considerations

Product

Recommendation: Dispose of observing official regulations.

European Waste Catalogue

20 01 30: Detergents other than those mentioned in 20 01 29.

Uncleaned packagings

Recommendation: Dispose of observing official regulations.

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

14 Transport information

Overland 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:

Not covered by above regulations.

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| 15 | Regulatory information |
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Ingredients according to EC Detergents Regulation 648/2004:

Non-ionic surfactants < 5 %

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| 16 | Other information |
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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:

36 Irritating to eyes.

Department issuing material safety data sheet:

Diversey, Denmark, tel. 70 10 41 14

Contact:

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

Version: 4 (replaces Version 3 of 26.03.2008).

MSDS review date: 18.11.2010.

Revisions are indicated by an asterisk (*).

This update implements EC declaration 1907/2006 (REACH)