



# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 18.09.2008

Version: 1

Revision: 18.09.2008

## 1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** NATURA MASTER
- **Article number:** 0789
- **Application of the substance / the preparation** Toilet cleaner
- **Manufacturer/Supplier:**  
Nederland: Zep Manufacturing B.V.  
Vierlinghweg 30 / 4612 PN Bergen op Zoom  
tel: +31 164-250100 / fax: + 31 164-266710

Importer / Distributor  
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- **Further information obtainable from:**  
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Tel: +44 845 2601990
- **Information in case of emergency:**  
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tel: +44 845 2601990

## 2 Hazards identification

- **Hazard description:** Not applicable.
- **Information concerning particular hazards for human and environment:**  
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**  
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
- **GHS label elements** Void
- **Additional information:** The product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds.

## 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

CAS: 79-33-4 EINECS: 201-196-2	l-(+)-lactic acid	Xi; R 36/38 Danger:  3.2/IC	1-5%
CAS: 25307-17-9 EINECS: 246-807-3	Oleylbis(2-hydroxyethyl) amine	C,  Xn,  N; R 22-34-50 Danger:  3.1.O/3;  3.2/IB Warning:  4.1.A/I	1-5%

- **Additional information; Ingrediënts according to detergents guideline EEC 89/542:**  
For the wording of the listed risk phrases refer to section 16.

AQUA	≥ 30%
PEG-2 OLEAMINE, SODIUM CHLORIDE, COUMARIN, ACID BLUE 9	< 5%

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## 4 First-aid measures

**· General information:**

Immediately remove any clothing soiled by the product.

No special measures required.

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:** Generally the product does not irritate the skin.

· **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

· **After swallowing:** If symptoms persist consult doctor.

## 5 Fire-fighting measures

· **Suitable extinguishing agents:** CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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

## 6 Accidental release measures

· **Person-related safety precautions:** Not required.

· **Measures for environmental protection:** Dilute with plenty of water.

· **Measures for cleaning/collecting:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

· **Additional information:** No dangerous substances are released.

## 7 Handling and storage

**· Handling:**

· **Information for safe handling:** No special measures required.

· **Information about fire - and explosion protection:** No special measures required.

**· Storage:**

· **Requirements to be met by storerooms and receptacles:** No special requirements.

· **Information about storage in one common storage facility:** Not required.

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

## 8 Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.

**· Ingredients 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 valid during the making were used as basis.

**· Personal protective equipment:****· General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

· **Respiratory protection:** Not required.

**· Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**· Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from

manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**· Penetration time of glove material**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· Eye protection: Goggles recommended during refilling

## 9 Physical and chemical properties

### · General Information

Form: Fluid  
 Colour: Light blue  
 Odour: Characteristic

### · Change in condition

Melting point/Melting range: Undetermined.  
 Boiling point/Boiling range: 104°C

· Flash point: Not applicable.

· Self-igniting: Product is not selfigniting.

· Danger of explosion: Product does not present an explosion hazard.

· Vapour pressure at 20°C: 23 hPa

· Density at 20°C: 1.017 g/cm<sup>3</sup>

· Solubility in / Miscibility with water: Fully miscible.

· pH-value at 20°C: 2.8

### · Viscosity:

Kinematic at 20°C: 165 s (ISO 4 mm)

### · Solvent content:

Organic solvents: 0.0 %  
 Water: 90.0 %

## 10 Stability and reactivity

· Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

· Dangerous reactions: No dangerous reactions known.

· Dangerous decomposition products: No dangerous decomposition products known.

## 11 Toxicological information

### · Acute toxicity:

#### · LD/LC50 values relevant for classification:

25307-17-9 Oleylbis(2-hydroxyethyl) amine

Oral LD50 1260 mg/kg (Rat)

91-64-5 Coumarin

Oral LD50 293 mg/kg (Rat)

6485-40-1 l-p-mentha-1(6),8-dien-2-one

Oral LD50 1640 mg/kg (Rat)

120-51-4 Benzyl benzoate

Oral LD50 500 mg/kg (Rat)

Dermal LD50 4000 mg/kg (Rat)

### · Primary irritant effect:

· on the skin: No irritant effect.

· on the eye: No irritating effect.

· Sensitization: No sensitizing effects known.

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**Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

## 12 Ecological information

**Information about elimination (persistence and degradability):**

**Other information:** The product is biodegradable.

**General notes:**

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

In accordance with the requirements of the RVO in the Act on Detergents and Cleansing Agents, tensides are biodegradable up to at least 90 %.

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## 13 Disposal considerations

**Product:**

**Recommendation** Smaller quantities can be disposed of with household waste.

**European waste catalogue**

17 02 03 plastic

**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

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

**ADR/RID class:** -

**Maritime transport IMDG:**

**IMDG Class:** -

**Marine pollutant:** No

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

**ICAO/IATA Class:** -

**UN "Model Regulation":** -

## 15 Regulatory information

**Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

**Safety phrases:**

2 Keep out of the reach of children.

**Special labelling of certain preparations:**

Safety data sheet available for professional user on request.

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- **National regulations:**
- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

## 16 Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

- **Department issuing MSDS:** SGI Limited / Customer services / Tel: +44 845 2601990
- **Contact:** SGI Limited / Customer services / Tel: +44 845 2601990

- **Abbreviations and acronyms:**

*ADR: Accord européen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*

*RID: Reglement internationale concernent le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)*

*IMDG: International Maritime Code for Dangerous Goods*

*IATA: International Air Transport Association*

*IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)*

*ICAO: International Civil Aviation Organization*

*ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)*

*GHS: Globally Harmonized System of Classification and Labelling of Chemicals*

*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

- **\* Data compared to the previous version altered.**

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