

# EC Material Safety Data Sheet

in accordance with Commission Directive 2001/58/EC

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Tradename: **neodisher MA Miele (USA)**

Printed on: 28.08.2002

Version: 705 / 150196/10

Revised on: 05.08.2002

## 1. Identification of the Preparation and of the company/undertaking

**Tradename:** neodisher MA Miele (USA)

**Product number:** 4868

**Use of the preparation:** (1) detergent; professional use in machines

**Manufacturer/supplier:** Chemische Fabrik DR. WEIGERT GmbH & Co. KG, Mühlenhagen 85, D-20539 Hamburg  
Phone: +49/40/78960-0, Telefax: +49/40/78960-120, E-Mail: info@drweigert.de

**Importer:** Miele Appliances, Inc.; 9 Independence Way; Princeton, Nj 08540 -USA  
Phone: +1-609 419 98 98 Fax: +1-609 419 42 98 E-mail: products@mieleusa.com

**Emergency Call: 24 Hour Emergency Hotline: ChemTrec 800-424-9300**

## 2. Composition/information on ingredients

### **Chemical characterization:**

Alkaline preparation (mixture) in powder form.

**Dangerous ingredients and their classification as pure substances according to European Dangerous Preparation Directive 1999/45/EEC.**

*For product classification see heading 3 and 15 !*

*For full text of R phrases see heading 16!*

<b>Substance</b>	<b>EINECS-No.</b>	<b>%</b>	<b>Symbol</b>	<b>R-sentence</b>
disodium metasilicate	229-912-9	15 - 30	C	34,37
nonionic surfactants	Polymer	1 - 5	Xi,N	36,38,50

## 3. Hazards Identification

R 34 Causes burns.  
R 37 Irritating to respiratory system.

## 4. First aid measures

**General information:** Immediately take off/remove clothing which has been contaminated or soaked by the product.

**After contact with the skin:** If the substances comes into contact with the skin, wash off affected skin areas immediately and rinse with water. Apply a sterile bandage if possible.

**After contact with the eyes:** If the substance comes into contact with the eyes, rinse the eyes with plenty of water (for at least 10 minutes). Apply a sterile bandage if possible and seek for medical advice.

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**5. Fire-fighting measures**

**Suitable extinguishing agents:**

All conventional extinguishing agents (product itself does not burn). Select appropriate fire-fighting action for the surrounding fire.

**Extinguishing agents which are unsuitable for reasons of safety:**

none

**Special hazards posed by the substance, its combustion residue or gases produced:**

none

**Special safety equipment for fire-fighting:**

Protect the body, face and hands.

**6. Accidental release measures**

**Personnel-related precautionary measures:**

Avoid contact with the skin and eyes.

**Environmental protection measures:**

Do not allow the substance to contaminate surface water/ground water. Soak up small quantities.

Ensure that the material used to bind the substance is disposed of properly. Flush away residue copiously with water.

Call the fire brigade if large quantities escape.

**7. Handling and storage**

**Handling:**

No special measures required if used correctly.

**Storage:**

Keep containers tightly closed. Protect against humidity and water.

VCI recommended storage class:

**8. Exposure controls / personal protection**

**Additional information on the design of technical plant:**

No special measures required.

**Components with occupational threshold limit values:**

CAS-No.	Substance	Type	mg/m <sup>3</sup> ; ml/m <sup>3</sup>
-	-	-	-

**Personal safety equipment:**

**Eye protection:** Wear suitable eye/face protection when working (EN 166).

**Hand protection:** Protective gloves made out of nitril or butyl rubber of category III according to EN 374. Please follow the instruction of the manufacturers of gloves for expected breakthrough times in relation to the special conditions of the working place like amount of mechanical stress or duration of dermal exposure. For short term contact with ready-to-use dilutions without mechanical stress gloves out of rubber or latex are sufficient.

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## 9. Physical and chemical properties

<b>Form:</b> powder	<b>Flash point:</b> n.a.
<b>Colour:</b> white	<b>pH-value (20 ° C) approx.:</b> 11,2-12,0(0,3-0,4 %)
<b>Odour:</b> characteristic	<b>Acid-/Alkali reserve :</b> -
<b>Density (20 ° C) g/cm<sup>3</sup> :</b> approx. -	<b>Solubility in water (20 ° C):</b> soluble
<b>Bulk density g/l:</b> ca. 940	
<b>Viscosity (20 ° C) mPa s :</b> -	

n.a. : nicht anwendbar/ not applicable/ pas applicable; "": keine Daten, no data, aucunes données

## 10. Stability and reactivity

### **Conditions to be avoided:**

Does not decompose if used as directed.

### **Substances to be avoided:**

Do not mix with concentrated acids (development of heat).

Do not mix with other products.

### **Dangerous decomposition products:**

None if used as per instructions.

## 11. Toxicological information

The assessment of the toxicological properties of the product is based exclusively upon the data of the raw materials and the classification criteria of the European Dangerous Preparation Directive.

No test data are available for the preparation.

## 12. Ecological informations

Do not allow the concentrate to contaminate the public sewage system, surface water or ground water. The local regulations (e.g. pH value) must be observed when discharging dilute application solutions into the public sewage system. The function of public sewage-treatment plant is not impaired if adequately diluted solutions within the permitted ph range are discharged.

The product is in compliance with the German Washing and cleaning act WRMG from 1987 and the European Council Directives 73/404/EEC , 82/242 EEC and 82/243 EEC relating to the biodegradability of detergents.

**German water hazard class (WGK):** 1 - low hazard to waters

## 13. Information on disposal

**Preparation:** Please review national or regional provisions prior to disposal! Recommendation: Incineration by an authorized plant. EWC code number recommendation (European Waste catalogue) :070608 "Waste from manufacturing, trading and use of ...detergents , soaps, disinfectants and cosmetics..."; for aerosols only: EWC 160504 "Gases in aerosol cans containing dangerous substances".

**Packagings (not cleaned):** Contaminated packagings out of HDPE should be restlessly emptied .They are then suitable for

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## 14. Transport informations

According to harmonized regulations ADR/RID/IMDG-Code/IATA-DGR/ICAO-TI:

UN-Number: 3253

Proper Shipping name: DISODIUM TRIOXOSILICATE, MIXTURE

Class: 8                      Packaging Group: III                      Label 1: 8      Label 2:

Marine Pollutant: -                      EMS-Number: 8-06

Remarks:

## 15. Regulations

Classification and labelling according to the European Dangerous Preparation Directive 1999/45/EC:

Symbol(s): C Corrosive

contains: Disodium metasilicate

### Risk phrases:

R 34 Causes burns.  
R 37 Irritating to respiratory system.

### Safety phrases:

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S 27 Take off immediately all contaminated clothing.  
S 28 After contact with skin, wash immediately with plenty of water.  
S 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label if possible ).

Remarks:

### Specific national regulations

Composition according to EC recommendation for detergents (89/542/EEC):

< 5 % nonionic surfactants  
> 30 % phosphates

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**16. Additional information**

**Full text of the R phrases mentioned in chapter 2:**

R 34	Causes burns.
R 36	Irritating to eyes.
R 38	Irritating to skin.
R 50	Very toxic to aquatic organisms

**Recommended restrictions on use :**

**Further information :**

