

EC Material Safety Data Sheet
in accordance with Commission Directive 2001/58/EC

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Tradename: **neodisher Z (USA)**

Printed on: 28.08.2002

Version: 155 / 080801/8

Revised on: 08.08.2002

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

Tradename: neodisher Z (USA)

Product number: 4830

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:

Liquid preparation (mixture).

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!

Substance	EINECS-No.	%	Symbol	R-sentence
citric acid	201-069-1	> 30	Xi	36

3. Hazards Identification

None, because this preparation is not classified as hazardous according to commission directive

4. First aid measures

General information: Change clothing which has become wetted with the substance.

After contact with the skin: If the substance comes into contact with the skin, wash off affected skin areas immediately and rinse with plenty of water.

After contact with the eyes: If the substance comes into contact with the eyes, rinse the eyes with plenty of water.

If the substance is swallowed: Rinse out mouth and drink copious amounts of water. Do not provoke vomiting.

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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 with liquid-binding material (e.g. sand, sawdust, universal binding agent, diatomaceous earth).

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:

No special precautionary measures required.

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 ³ ; ml/m ³
-	-	-	-

Personal safety equipment:

No special measures required. Follow the usual precautionary measures for the handling with chemicals.

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9. Physical and chemical properties

Form: liquid	Flash point: n.a.
Colour: colourless	pH-value (20 ° C) approx.: 3,0-2,6(1-5 ml/l)
Odour: characteristic	Acid-/Alkali reserve : nicht ätzend
Density (20 ° C) g/cm³ : approx. 1,2	Solubility in water (20 ° C): soluble
Bulk density g/l: -	
Viscosity (20 ° C) mPa s : < 10	

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 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.

All ingredients are readily biodegradable (OECD 301 A-F).

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 recycling, incineration or landfilling. Please review national or regional provisions prior to disposal!

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14. Transport informations

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

UN-Number: -

Proper Shipping name: -

Class: -

Packaging Group: -

Label 1: - Label 2:

Marine Pollutant: - EMS-Number: -

Remarks:

15. Regulations

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

Symbol(s): -

contains:

Risk phrases:

- None, because this preparation is not classified as hazardous according to commission directive

Safety phrases:

none none, but the usual precautionary measures for the handling with chemicals are recommended.

Remarks:

Specific national regulations

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

none

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

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16. Additional information

Full text of the R phrases mentioned in chapter 2:

R 36 Irritating to eyes.

Recommended restrictions on use :

Further information :

The above information which is given to the best of our knowledge and on the basis of experience to date is intended to describe our product with regard to possible safety requirements but does not constitute a description of quality or assurance of specific characteristics. Any modification is marked by * in the relevant chapter.