

Endbac Cleaner Sanitizer P

Revision Date: 2011-12-29

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

Product name: Endbac Cleaner Sanitizer P

Recommended use: Professional kitchen hygiene product.

Manufacturer, importer, supplier:

Diversey S.p.A. - Via S. Maria 10 - 20121 Milano - Italy

Information department:

U.S. Department of Labor - Occupational Safety and Health (OSHA)

Emergency telephone number:

1-800-451-7037 (Toll-free in the U.S.)

2. Hazards identification

Classification: The product has been classified and labelled in accordance with current EC guidelines on dangerous substances and preparations and corresponding national legislation



Xi - Irritant.

N - Dangerous for the environment.

Risk phrases:

R31 - Contact with acids liberates toxic gas.

R36 - Irritating to eyes.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases:

S 8 - Keep container dry.

S22 - Do not breathe dust.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S61b - Avoid release to the environment. Refer to safety data sheet.

Further indications on the label:

Rinse and dry hands after use. For prolonged contact, protection for the skin may be necessary.

3. Composition/information on ingredients

Description: Mixture of non-dangerous ingredients and substances listed below.

| Ingredient(s) | EC number | CAS number | Classification | Weight % |
|--|-----------|------------|--------------------------|----------|
| sodium dichloroisocyanurate, dihydrate | 220-767-7 | 51580-86-0 | Xn,N; R22-31-36/37-50/53 | < 5 |
| sodium alkylbenzenesulphonate | 290-656-6 | 90194-45-9 | Xn; R22-38-41 | < 5 |
| disodium disilicate | 237-623-4 | 13870-28-5 | Xi; R37/38-41 | < 5 |

* Polymer.

For the full text of the R phrases mentioned in this Section, see Section 16.

Occupational Exposure Limit(s), if available, are listed in Section 8.

4. First aid measures

Inhalation:

Remove from source of exposure. Get medical attention.

Skin contact:

Not required under normal use. Immediately wash off with plenty of water. If irritation develops get medical attention.

Eye contact:

Wash off immediately with plenty of water. Get medical attention.

Ingestion: Remove material from mouth. Immediately drink 1-2 glasses of water or milk. Get medical attention

5. Fire-fighting measures

Suitable extinguishing media: Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

Special protective equipment for firefighters: As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

6. Accidental release measures

Personal precautions: Ensure adequate ventilation. Do not breathe dust or vapour.

Environmental precautions: Do not allow to enter drainage system, surface or ground water. Do not allow to enter the ground/soil. Inform responsible authorities in case undiluted product reaches drainage system, surface or ground water or the ground/soil.

Methods for cleaning up: Collect mechanically. Ensure adequate ventilation. Dispose of the collected material according to national or local regulations.

Note: See Section 8 for personal protective equipment and Section 13 for waste disposal

7. Handling and storage

Handling

Advice on safe handling: Handle in accordance with good industrial hygiene and safety practice. Do not mix with other products unless advised by Diversey. Avoid dust formation.

Prevention of fire and explosion: No special precautions required.

Storage

Requirements for storage rooms / facilities: In accordance with local and national regulations.

Combined storage in storage rooms / facilities: In accordance with local and national regulations. Store away from acids.

Storage conditions: Store in original container. Keep container tightly closed. Store under dry conditions.

8. Exposure controls/personal protection

Exposure limits

General protective and hygienic measures: Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and at the end of workday. Do not breathe dust.

Personal Protective Equipment

Respiratory protection: In case of dust development use a particle-filtering half mask type FFP3. In consultation with the supplier of respiratory protection equipment a different type may be chosen (offering sufficient protection).

Hand protection: Rinse and dry hands after use. For prolonged contact protection for the skin may be necessary.

Eye protection: No special requirements under normal use conditions.

Skin and body protection: No special requirements under normal use conditions.

9. Physical and chemical properties

General Information

Physical State: Solid

Colour: Blue

Odour: Product specific

Important Health Safety and Environmental Information

Dilution pH: ≈ 11 (10%)

Boiling point/range (°C): Not determined

Flash point (°C): Not applicable

Flammability: Not flammable.

Explosive properties: Not explosive.

Oxidising properties: Not oxidising.

Specific gravity: 1.05 g/cm³ (20°C)

Solubility in / Miscibility with **Water:** Soluble

10. Stability and reactivity

| | |
|--|--|
| Conditions to avoid: | No decomposition if stored and applied as directed. |
| Materials to avoid: | Contact with acids liberates toxic gas. Reacts with acids. |
| Hazardous decomposition products: | None known under normal storage and use conditions. |

11. Toxicological information

Acute effects and sensitisation

Acute toxicity: This product has not been tested on animals but based on the toxicological classification the LD50 (oral) is estimated to be > 2000 mg/kg.

Skin contact: Unlikely to be irritant in normal use.

Eye contact: Causes irritation.

Inhalation: Causes irritation.

Ingestion: Causes irritation.

Sensitization: No known effects.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

No known effects.

Repeated dose toxicity:

No known effects.

12. Ecological information

Classification: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. The classification of the product is due to the component(s) listed in section 3 with an environmental classification (R50 - R53).

Aquatic toxicity: This product has not been tested on aquatic organisms but based on the environmental classification the toxicity for aquatic organisms (as defined in 67/548/EEC, Annex V) is estimated to be 1-10 mg/l.

General Information: 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. Should not reach sewage water or drainage ditch undiluted.

13. Disposal considerations

Product

Waste from residues / unused products: Dispose of in compliance with all Federal, state, provincial, and local laws and regulations.

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

Empty packaging

Recommendation: Dispose of observing national or local regulations.

14. Transport information



ADR/RID

Class: 9
UN Number: 3077
Proper shipping name: Environmentally hazardous substance, solid, n.o.s. (sodium dichloroisocyanurate dihydrate)
Packing group: III
Label(s): 9
Classification code: M7
Tunnel restriction code: E
Hazard identification number: 90

IMO/IMDG

Class: 9
UN Number: 3077
Proper shipping name: Environmentally hazardous substance, solid, n.o.s. (sodium dichloroisocyanurate dihydrate)

Packing group: III
Label(s): 9
Marine pollutant: Yes
EmS: F-A, S-F

ICAO/IATA

Class: 9
UN Number: 3077
Proper shipping name: Environmentally hazardous substance, solid, n.o.s. (sodium dichloroisocyanurate dihydrate)
Packing group: III
Label(s): 9

Additional Information: Transport regulations include special provisions for certain classes of dangerous goods packed in limited quantities

15. Regulatory information

Ingredients according to EC Detergents Regulation 648/2004

| | |
|---|----------|
| phosphates | 15 - 30% |
| anionic surfactants, chlorine-based bleaching agents, non-ionic surfactants | < 5% |

16. Other information

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 R phrases mentioned in Section 3:

- R31 - Contact with acids liberates toxic gas.
- R22 - Harmful if swallowed.
- R41 - Risk of serious damage to eyes.
- R38 - Irritating to skin.
- R36 - Irritating to eyes.
- R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R36/37 - Irritating to eyes and respiratory system.
- R37/38 - Irritating to respiratory system and skin.
- R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

MSDS code: MSDS7434

Internal code: 02

End of Safety Data Sheet