

Bio-mex®

Brand / Product

Bio-mex

Description

Universal detergent for cleaning and shining

Product properties

Bio-mex is an indispensable aid for cleaning the home and for use in the hotel trade, dissolving grease and lime from surfaces.

Thanks to its natural components it's 100% biological and biodegradable.

- Bio-Mex is all natural
- Bio-Mex is suitable for allergy sufferers
- Bio-Mex is 100% bio-degradable
- Bio-Mex is safe for your family and you environment

Complete with sponge
100% biodegradable

Application

Ideal for cleaning and care of:

steel, stainless steel, aluminium, silver, gold, jewellery, copper, brass, enamel, tin, glass, smooth plastic, lacquered wood, ceramics, floor tiles, WC's, washbasins, bathtubs, sinks, cooking surfaces, chrome surfaces, pans, pots, car rims, gym shoes and much more....

Besonders geeignet zur Reinigung von Gartenstühlen in Plastik und Booten, da Bio-mex keine Umweltgefährdeten Stoffe enthält.

Instruction

Moisten the sponge, wipe the sponge on the Bio-mex, squeeze the sponge to produce foam and then clean. Moisten a cloth, rinse with the cloth, wipe with a dry cloth ... and everything is shining!

Composition

5-15% soap: vegetable raw materials
ventilated white clay: neutral product
vegetable fats: from vegetable raw materials
glycerine: from vegetable raw materials
lemon scent: lemon fruit extract

No preservatives, no solvents, no dyestuffs and will not scratch.

Composition (INCI)

Aluminium Oxide, Aqua, Potassium Soap, Sodium Soap, Hydrogenated Palm Kernel, Glycerin, Citric Acid, Benzyl Cinnamate, Benzyl Salicylate, Citral

The ingredients are listed according to INCI description



EU Ecolabel : DE/020/279

Technical description

Content:	300 g
Product code:	BM-300
EAN barcode:	4 260169 241034
PH-Value (10 g/l) by 20 °C:	8
Dimensions:	Ø 107 mm, height 55 mm

All informations corresponds to our best knowledge and experience, a liability can not be derived from it. For details of the product, please refer to the material safety data sheet.

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Cap. vers. / Ges. Kap.: 50.000,00 Euro

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Safety data sheet

according to 1907/2006/EC, Article 31

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** Bio-mex
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture:** Cleaning material/ Detergent
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Wimex Srl, Via A. Nobel, 18, I-39055 Laives (Italy), Telefon: +39 0471 051010 fax: +39 0471 051011
- **Further information obtainable from:** Kundendienst: Herr Zöschg
- **Department issuing MSDS:** info@chemie1.de
- **1.4 Emergency telephone number:** Giftnotruf Berlin: +49 30/19 240

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The product is not classified according to the CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008:** Void
- **Hazard pictograms:** Void
- **Signal word:** Void
- **Hazard statements** Void
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Cleansing agent
- **Dangerous components:**
CAS: 1344-28-1 aluminium oxide substance with a Community workplace exposure limit 25-<100%
EINECS: 215-691-6
- **Regulation (EC) No 648/2004 on detergents:**
soap 5 - 15%
perfumes

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** Remove any clothing soiled by the product.
- **After skin contact:**
Generally the product does not irritate the skin.
After contact with skin, wash with plenty of water.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
If swallowed, do not induce vomiting: seek medical advice and show this container or label.
- **4.2 Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

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SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
Use fire extinguishing methods suitable to surrounding conditions.
- **5.2 Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.
Do not inhale explosion gases or combustion gases.
- **Additional information**
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Particular danger of slipping on leaked/spilled product
- **6.2 Environmental precautions:**
Do not allow product to reach sewage system or any water course
Inform respective authorities in case of seepage into water course or sewage system
Dilute with plenty of water
- **6.3 Methods and material for containment and cleaning up:**
Pick up mechanically
Flush away residues with plenty of water
Dispose contaminated material as waste according to item 13
- **6.4 Reference to other sections**
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment
See Section 10 for information on "stability and reactivity"
See Section 13 for disposal information

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling:** No special measures required
- **Information about fire - and explosion protection:** No special measures required
- **7.2 Conditions for safe storage, including any incompatibilities**
- **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
- **7.3 Specific end use(s)** No further relevant information available

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
1344-28-1 aluminium oxide
AGW (Germany) Long-term value: 1,25* 10** mg/m³
2(II);*alveolengängig**eintembar; AGS, DFG
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals
- **Respiratory protection:** Not required
- **Protection of hands:** Not required
- **Eye protection:** Avoid contact with the eyes



SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties

- General Information

- Appearance:

Form: Pasty

Colour: White

- Odour: Perfumed

- Odour threshold: Not determined.

- pH-value (10 g/l) at 20 °C: 8

- Change in condition

Melting point/Melting range: Undetermined

Boiling point/Boiling range: Undetermined

- Flash point: Not applicable.

- Flammability (solid, gaseous): Not determined

- Ignition temperature:

Decomposition temperature: Not determined

- Self-igniting: Product is not self-igniting.

- Danger of explosion:

Product does not present an explosion hazard.

- Explosion limits:

Lower: Not determined

Upper: Not determined

- Vapour pressure: Not applicable

- Density at 20 °C: 1,1 g/cm³

- Relative density: Not determined

- Vapour density: Not applicable

- Evaporation rate: Not applicable

- Solubility in / Miscibility with

water: Partly soluble.

- Partition coefficient (n-octanol/water): Not determined

- Viscosity:

Dynamic: Not applicable

Kinematic: Not applicable

- 9.2 Other information: No further relevant information available.

SECTION 10: Stability and reactivity

- 10.1 Reactivity

- 10.2 Chemical stability

- Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications.

- 10.3 Possibility of hazardous reactions: No dangerous reactions if used and stored according to specifications.

- 10.4 Conditions to avoid: No further relevant information available.

- 10.5 Incompatible materials: No further relevant information available.

- 10.6 Hazardous decomposition products: No dangerous products of decomposition if used and stored according to specifications.

SECTION 11: Toxicological information

- 11.1 Information on toxicological effects

- Acute toxicity

- Primary irritant effect:

- Skin corrosion/irritation: No irritant effect

- Serious eye damage/irritation: Slight irritant effect possible

- Respiratory or skin sensitisation: No sensitising effects known

- 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.

No experimentally found toxicological data are available for this preparation

SECTION 12: Ecological information

- 12.1 Toxicity

- Aquatic toxicity: No further relevant information available

- 12.2 Persistence and degradability: No further relevant information available

- 12.3 Bioaccumulative potential: No further relevant information available

- 12.4 Mobility in soil: No further relevant information available

- Additional ecological information:

- General notes:

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

- 12.5 Results of PBT and vPvB assessment

- PBT: Not applicable

- vPvB: Not applicable

- 12.6 Other adverse effects: No further relevant information available



SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Disposal must be made according to official regulations.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- **14.1 UN-Number**
- **ADR, IMDG, IATA:** Void
- **14.2 UN proper shipping name**
- **ADR, IMDG, IATA:** Void
- **14.3 Transport hazard class(es)**
- **ADR, ADN, IMDG, IATA**
- **Class:** Void
- **14.4 Packing group**
- **ADR, IMDG, IATA:** Void
- **14.5 Environmental hazards: Not applicable**
- **14.6 Special precautions for user: Not applicable**
- **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable**
- **UN "Model Regulation":** –

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations:**
- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water
- **15.2 Chemical safety assessment: A** Chemical Safety Assessment has not been carried out

SECTION 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.

- **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)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)

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