

SAFETY DATA SHEET

Laminate powerful cleaner

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

Identification of the substance or preparation

Product name : Laminate powerful cleaner
Product use : Major maintenance cleaner, suitable for removing heavy grime and old coatings of HG "laminated gloss coating"

Company/undertaking identification

Manufacturer : HG International b.v. **Telephone No.:** : +31 (0)36 54 94 700
Address : Damsluisweg 70 **Fax** : +31 (0)36 54 94 744
 1332 EJ Almere **Internet:** : www.hginternational.com
Country : Netherlands
Importer : HG UK
Address : Unit 11 Grange Way Business Park Whitehall Road Industrial Estate
 Uk Colchester Essex CO2 8HF
Telephone No.: : +44.1206.795.200
Fax : +44.1206.795.201
Country : United Kingdom (UK)

2. Composition/information on ingredients

Substance/preparation : Preparation

Ingredient name	CAS number	EC Number	%	Classification
United Kingdom (UK)				
2-(2-Butoxyethoxy)ethanol	112-34-5	203-961-6	5 - 15	Xi; 36
alcohols, c9-11, ethoxylated	68439-46-3	polymer	1 - 5	Xn; 22
triphosphoric acid, pentasodium salt	7758-29-4	231-838-7	1 - 5	Xi; 41
				Xi; 36/37/38

See section 16 for the full text of the R Phrases declared above

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

3. Hazards identification

The preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification : Not classified.

Additional Hazards : Not applicable

See section 11 for more detailed information on health effects and symptoms.

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4. First aid measures

First aid measures

- Inhalation** : If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Obtain medical attention.
- Ingestion** : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.
- Skin Contact** : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Obtain medical attention.
- Eye contact** : In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Get medical attention if irritation occurs.
- Notes to physician** : Not available.
- Specific treatments** : Not available.

See section 11 for more detailed information on health effects and symptoms.

5. Fire-fighting measures

- Extinguishing media** : Use an extinguishing agent suitable for surrounding fires.
- Special exposure hazards** : No specific hazard.
Not available.
- Hazardous thermal decomposition products** : These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂...), phosphates. Some metallic oxides.
- Special protective equipment for fire-fighters** : Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

- Personal Precautions** : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (Section 8).
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Methods for cleaning up** : If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

- Handling** : Wash thoroughly after handling.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area.
- Packaging materials**
- Recommended** : Use original container.
- Specific uses** : Not available.

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8. Exposure controls/personal protection

Exposure limit values :

<u>Ingredient name</u>	<u>Occupational exposure limits</u>
<u>United Kingdom (UK)</u>	

Exposure controls

Occupational exposure controls : Ensure that eyewash stations and safety showers are close to the workstation location.

Respiratory protection : A respirator is not needed under normal and intended conditions of product use.

Hand protection : Butyl rubber gloves. Permeation time >= 8 hours: (5 mm)

Eye protection : splash goggles

Skin protection : Work uniform or laboratory coat.

9. Physical and chemical properties

General information

Appearance

Physical state : Liquid.

Colour : White.

Odour : Odourless.

Important health, safety and environmental information

pH : 8.9 (Conc. (% w/w): 100) [Basic.]

Melting point : <0°C (32°F)

Boiling point : >100°C (212°F)

Flash point : Closed cup: Higher than 93.3°C (200°F). (Pensky-Martens.)

Flammability (solid, gas) : Not applicable.

Explosive properties : Not available.

Oxidising properties : Not applicable

Relative density : 1.025 g/cm³ (20°C / 68°F)

Solubility : Easily soluble in cold water, hot water, methanol, diethyl ether, acetone.

Evaporation rate (butyl acetate = 1) : 0.003 (2-(2-Butoxyethoxy)ethanol) compared to Butyl acetate.

Other information

Auto-ignition temperature : The lowest known value is 204.45 to 227.75°C (400 to 441.9°F) (2-(2-Butoxyethoxy) ethanol).

10. Stability and reactivity

Stability : The product is stable.

Conditions to Avoid : Stable under recommended storage and handling conditions (see section 7).

Materials to avoid : Reactive with acids.

Hazardous Decomposition Products : These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂...), phosphates. Some metallic oxides.

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Hazardous waste : To present knowledge of the supplier, this product is not regarded as hazardous waste as defined by EU Directive 91/689/EC.

14. Transport information

International transport regulations

Regulatory information	UN number	Proper shipping name	Class	Packing group	Label	Additional Information
ADR/RID Class	Not regulated.	-	-	-		Remarks Keep in frostfree area
ADN Class	Not regulated.	-	-	-		Remarks Keep in frostfree area
IMDG Class	Not regulated.	-	-	-		Remarks Keep in frostfree area
IATA-DGR Class	Not regulated.	-	-	-		Remarks Keep in frostfree area

15. Regulatory information

EU Regulations

- Risk Phrases** : This product is not classified according to the EU regulations.
- Safety Phrases** : S2- Keep out of the reach of children.
S46- If swallowed, seek medical advice immediately and show this container or label.
- Other EU regulations** : Not available.
- Product use** : Classification and labelling have been performed according to EU directives 67/548/EEC, 1999/45/EC, including amendments and the intended use.
- Consumer applications.
- Additional warning phrases** : Safety data sheet available for professional user on request.
- EC Statistical classification (Tariff Code)** : 32089091
- Ingredients identification information** : less than 5%: non-ionic surfactants, phosphates, preservation agents: (ethylenedioxy) dimethanol, 1,3-bis(hydroxymethyl)urea, [2-(2-butoxyethoxy)ethoxy]methanol, 2-Bromo-2-nitropropane-1,3-diol, Methylchloroisothiazolinone, Methylisothiazolinone.

16. Other information

Full text of R phrases referred to in sections 2 and 3 - United Kingdom (UK) : R22- Harmful if swallowed.
R36- Irritating to eyes.
R36/37/38- Irritating to eyes, respiratory system and skin.
R41- Risk of serious damage to eyes.

Full text of classifications referred to in sections 2 and 3 - United Kingdom (UK) : Xn - Harmful
Xi - Irritant

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This safety data sheet is prepared in accordance with EU directive 91/155/EC amended by Directive 2001/58/EC



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Verified by T. Rutgers.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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