

SAFETY DATA SHEET

Marble shine finish remover

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

Identification of the substance or preparation

Product name : **Marble shine finish remover**
Product use : An intensive cleaner to remove both HG "marble shine finish" or HG "marble outdoor shine finish" as well as stubborn dirt and fats.

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 : Netherlands
Emergency telephone number : ----

2. Composition/information on ingredients

Substance/preparation : Preparation

Ingredient name	CAS number	EC Number	%	Classification
Europe				
2-(2-Butoxyethoxy)ethanol alcohols, c9-11, ethoxylated	112-34-5 68439-46-3	203-961-6 mixture	5-15 1-5	Xi; R36 Xn; R22 Xi; R41
triphosphoric acid, pentasodium salt	7758-29-4	231-838-7	1-5	Xi; R36/37/38

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.

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

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. If large quantities of this material are swallowed, call a physician immediately.

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.

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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.

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

5. Fire-fighting measures

Extinguishing media : In case of fire, use water spray (fog), foam, dry chemical, or CQ
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 self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.

6. Accidental release measures

Personal Precautions : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (Section 8). Follow all fire fighting procedures (Section 5).
Environmental precautions and clean-up methods : Minimize contact of spilled material with soils to prevent runoff to surface waterways. See Section 13 for Waste Disposal Information.
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.

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 : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational exposure limits. 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 : Use latex gloves.
Eye protection : Safety glasses.
Skin protection : Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, disposable suits).

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9. Physical and chemical properties

General information

Appearance :
 Physical state : Liquid.
 Colour : White.
 Odour : Odourless.

Important health, safety and environmental information

pH : 8.9 [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 : Risks of explosion of the product in presence of mechanical impact: Not available.
 Risks of explosion of the product in presence of static discharge: Not available.
 Explosion Limits : The greatest known range is Lower: 0.9% Upper: 5.9% (2-(2-Butoxyethoxy)ethanol)
 Oxidising properties : Not available.
 Relative density : 1.025 g/cm³
 Solubility : Easily soluble in cold water, hot water, methanol, diethyl ether, acetone.
 Evaporation rate (butyl acetate = 1) : The highest known value is 0.36 (aqua) Weighted average: 0.34 compared to Butyl acetate.

Other information

Auto-ignition temperature : The lowest known value is 225°C (437°F) (2-(2-Butoxyethoxy)ethanol).

10. Stability and reactivity

Stability : The product is stable.
 Conditions to Avoid : Hygroscopic; keep container tightly closed. (2-(2-Butoxyethoxy)ethanol)
 Hazardous Decomposition Products : These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂...), phosphates. Some metallic oxides.

11. Toxicological information

Potential acute health effects

Inhalation : No specific hazard.
 Ingestion : No specific hazard.
 Skin Contact : No specific hazard.
 Eye contact : No specific hazard.

Acute toxicity

<u>Ingredient name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
2-(2-Butoxyethoxy)ethanol	LD50	5660 mg/kg	Oral	Rat
	LD50	2200 mg/kg	Oral	Rabbit
	LD50	2400 mg/kg	Oral	Mouse
	LD50	2700 mg/kg	Dermal	Rabbit
alcohols, c9-11, ethoxylated	LD50	>2000 mg/kg	Oral	Rat
	LC50	>5 mg/l (0.25 hour(s))	Inhalation	Rat
triphosphoric acid, pentasodium salt	LD50	3120 mg/kg	Oral	Rat
	LD50	3100 mg/kg	Oral	Mouse
	LD50	>4640 mg/kg	Dermal	Rabbit

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Over-exposure signs/symptoms

Target organs : Contains material which causes damage to the following organs: mucous membranes, skin, eyes.

Other adverse effects : Not available.

12. Ecological information

Ecotoxicity data

<u>Ingredient name</u>	<u>Species</u>	<u>Period</u>	<u>Result</u>
2-(2-Butoxyethoxy)ethanol	Lepomis macrochirus (LC50)	96 hour(s)	1300 mg/l

Mobility :

Other adverse effects : Not available.

13. Disposal considerations

Methods of disposal : Avoid contact of spilled material and runoff with soil and surface waterways. Dispose of according to all federal, state and local applicable regulations.

Waste classification : Not applicable.

European waste catalogue (EWC) : Not available.

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.

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.

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EC Statistical classification : 32089091
(Tariff Code)

16. Other information

Full text of R phrases referred to : R22- Harmful if swallowed.
in sections 2 and 3 - Europe 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 : Xn - Harmful
referred to in sections 2 and 3 - Xi - Irritant
Europe

History

Date of printing : 31-3-2004.
Date of issue : 31-3-2004.
Date of previous issue : No Previous Validation.
Version : 5.02
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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