



# Material Safety Data Sheet



## Marble wash & shine

### Section 1. Chemical product and company identification

**Manufacturer** : HG International b.v. **Code** : 221100164  
**Address** : Damsluisweg 70 1332 EJ Almere **MSDS#** : 1.03  
**Country** : Netherlands **Validation date** : 8/26/2010.  
**Telephone No.:** : +31 (0)36 54 94 700 **Print date** : 8/26/2010.  
**Fax** : +31 (0)36 54 94 744 **Responsible name** : P. Stienstra  
**Internet:** : www.hg.eu **Telephone No.:** : +1.705.726.5445  
**Supplier** : Solstrand Trading **Fax** : +1.705.734.0857  
**Address** : 60 Lockhart road Barrie, Ontario L4N 9G8 **Country** : Canada  
**Material uses** : Cleaner.  
**In Case of Emergency** : Chem. Tel Inc. (813) 248 0585 or Toll free (800) 255 3924

### Section 2. Composition, Information on Ingredients

Name	CAS #	% by weight	Exposure limits
dipropylene glycol methyl ether	34590-94-8	1 - 5	
poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched	69011-36-5	1 - 5	

### Section 3. Hazards identification

**Physical State and Appearance** : Liquid.

**Emergency overview** : No specific hazard.  
No specific hazard.  
Avoid prolonged contact with eyes, skin and clothing.

**Routes of entry** : Dermal contact. Eye contact. Ingestion.

**Potential acute health effects**  
**Eyes** : Not applicable  
**Skin** :  
**Inhalation** :  
**Ingestion** :

**Potential chronic health effects** : **CARCINOGENIC EFFECTS:** Not available.  
**MUTAGENIC EFFECTS:** Not available.  
**TERATOGENIC EFFECTS:** Not available.

**Medical conditions aggravated by overexposure:** : Repeated or prolonged exposure is not known to aggravate medical condition.

**Over-exposure signs/symptoms** : Not available.

[See toxicological Information \(section 11\)](#)

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## Section 4. First aid measures

- Eye Contact** : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
- Skin Contact** : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
- Inhalation** : If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get 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.
- Notes to Physician** : Not available.

## Section 5. Fire fighting measures

- Flammability of the product** : Non-flammable.
- Auto-ignition Temperature** : Not applicable.
- Flash Points** : Not applicable.
- Flammable limits** : Not applicable.
- Products of combustion** : carbon oxides (CO, CO<sub>2</sub>) Some metallic oxides.
- Fire hazards in presence of various substances** : Not considered to be flammable.
- Explosion hazards in presence of various substances** : Not available.
- Fire fighting media and instructions** : Use an extinguishing agent suitable for surrounding fires.  
Protective Clothing Wear appropriate respirator when ventilation is inadequate.  
No specific hazard.
- Special protective equipment for fire-fighters** : Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full facepiece operated in positive pressure mode.
- Special remarks on fire hazards** : No additional remark.
- Special remarks on explosion hazards** : Not applicable

## Section 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.

## Section 7. Handling and storage

- Handling** : Do not ingest. Wash thoroughly after handling. Avoid prolonged contact with eyes, skin, and clothing. If swallowed, seek medical advice immediately and show this container or label. Keep out of the reach of children.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area. Keep in frostfree area

## Section 8. Exposure Controls, Personal Protection

**Engineering controls** : No special ventilation requirements.

**Personal protection**

**Eyes** : splash goggles

**Skin** : Work uniform or laboratory coat.

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

**Hands** : Butyl rubber gloves. (Permeation time  $\geq$  4 hours):

**Other protection** : Not applicable.

**Personal protective equipment (Pictograms)** :



**Personal protection in case of a large spill** : Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

[Consult local authorities for acceptable exposure limits.](#)

## Section 9. Physical and chemical properties

**Physical State and Appearance** : Liquid.

**Color** : White.

**Odor** : Fragrance-like.

**pH** : 8.8 (Conc. (% w/w): 100) [Basic.]

**Relative density** : 1.01 g/cm<sup>3</sup> (20°C / 68°F)

**Viscosity** : Dynamic: Highest known value: 1034 cP (Watery modified maleinresin.) Weighted average: 346.3 cP

**Solubility** : Easily soluble in the following materials: cold water, hot water, diethyl ether.  
Partially soluble in the following materials: methanol, acetone.

**Flash point** : Not applicable.

**Flammability (solid, gas)** : Not applicable.

**Explosive properties** : Not available.

**Oxidizing properties** : Not available.

**Physical chemical comments** : Not available.

## Section 10. Stability and reactivity

**Stability and Reactivity** : The product is stable.

**Conditions of instability** : Stable under recommended storage and handling conditions (see section 7). Keep in frostfree area

**Incompatibility with various substances** : Reactive with oxidizing agents.

**Hazardous Decomposition Products** : carbon oxides (CO, CO<sub>2</sub>)

**Hazardous polymerization** : Yes.

## Section 11. Toxicological information

**IDLH** :

**Chronic effects on humans** : Contains material which causes damage to the following organs: upper respiratory tract, central nervous system (CNS), eye, lens or cornea.

**Other toxic effects on humans** : No specific information is available in our database regarding the other toxic effects of this material for humans.

**Special remarks on toxicity to animals** : Very low toxicity for humans or animals.

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**Special remarks on chronic effects on humans** : Not available.

**Special remarks on other toxic effects on humans** : Not available.

**Specific effects**

**Carcinogenic effects** : No known significant effects or critical hazards.

**Mutagenic effects** : No known significant effects or critical hazards.

**Reproduction toxicity** : No known significant effects or critical hazards.

## Section 12. Ecological information

**BOD and COD** : Not available.

**Biodegradable/OECD** : Partially biodegradable

**Mobility** : Not available.

**Products of degradation** : Decomposition products may include the following materials: carbon oxides (CO, CO<sub>2</sub>) and water.

**Toxicity of the products of biodegradation** : The products of degradation are less toxic than the product itself.

**Special remarks on the products of biodegradation** : Not available.

## Section 13. Disposal considerations

**Waste information** : The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

**Waste stream** : Not available.

Consult your local or regional authorities.

## Section 14. Transport information

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

## Section 15. Regulatory information

**WHMIS (Canada)** : Not a WHMIS controlled material.  
Not available.

**International regulations**

**EINECS** : Not available.

**DSCL (EEC)** : This product is not classified according to the EU regulations.

**International lists** : Not available.

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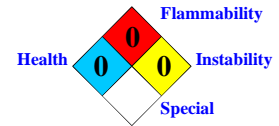
## Section 16. Other information

**Label Requirements** : No specific hazard.

**Hazardous Material  
Information System  
(U.S.A.)**

Health	0
Fire hazard	0
Reactivity	0
Personal protection	C

**National Fire  
Protection  
Association  
(U.S.A.)**



**References** : Not available.

**Other special considerations** : Not available.

**Date of printing** : 8/26/2010.

**Date of issue** : 8/26/2010.

**Date of previous issue** : No previous validation.

**Version** : 1.03

**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.