



# Material Safety Data Sheet



## Marble floorsoap

### Section 1. Chemical product and company identification

**Manufacturer** : HG International b.v. **Code** : 2735000  
**Address** : Damsluisweg 70 1332 EJ Almere **MSDS#** : 2.01  
**Country** : Netherlands **Validation date** : 4-1-2008.  
**Telephone No.:** : +31 (0)36 54 94 700 **Print date** : 4-1-2008.  
**Fax** : +31 (0)36 54 94 744 **Responsible name** : P. Stienstra  
**Internet:** : www.hginternational.com **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** : A protective 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
Water	7732-18-5	75 - 100	Not available.
alcohols, c9-11, ethoxylated	68439-46-3	1 - 5	Not available.
glycine, n,n-bis(carboxymethyl)-, trisodium salt	5064-31-3	0 - 1	Not available.
Preservative.		0 - 0.5	Not available.
Potassium hydroxide	1310-58-3	0 - 0.5	Not available.
Perfume ingredient.		0 - 0.5	Not available.
Triethylamine	121-44-8	0 - 0.5	Not available.
Styrene	100-42-5	<0.1	Not available.

### Section 3. Hazards identification

**Physical State and Appearance** : Liquid. (Visceus)

**Emergency overview** :

Do not ingest. Avoid 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.

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

#### Potential acute health effects

**Eyes** : May cause eye irritation.

**Skin** : May cause skin sensitization.

**Inhalation** : Can cause irritation.

**Ingestion** : May be harmful if swallowed.

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

**Medical conditions aggravated by overexposure:** : Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

**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 if symptoms appear.
- Notes to Physician** : Not available.

## Section 5. Fire fighting measures

- Flammability of the product** : May be combustible at high temperature.
- Auto-ignition Temperature** : Not available.
- Flash Points** : Lowest known value: Closed cup: >150°C (302°F). (alcohols, c9-11, ethoxylated)
- Flammable limits** : Not available.
- Products of combustion** : Decomposition products may include the following materials: carbon oxides (CO, CO<sub>2</sub>), nitrogen oxides (NO, NO<sub>2</sub>...).
- Fire hazards in presence of various substances** : Not considered to be flammable according to our database.
- Explosion hazards in presence of various substances** : Not available.
- Fire fighting media and instructions** : Use an extinguishing agent suitable for surrounding fires.  
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 available.

## 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** : Wash thoroughly after handling. Do not ingest. 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.

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## Section 8. Exposure Controls, Personal Protection

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

**Personal protection**

**Eyes** : splash goggles

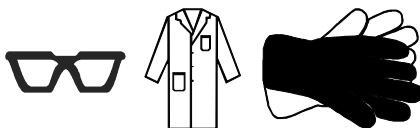
**Skin** : lab coat

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

**Hands** : Gloves.

**Other protection** : Not available.

**Personal protective equipment (Pictograms)** :



**Personal protection in case of a large spill** : Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. 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. (Visceus)

**Color** : White

**Odor** : Perfumed

**pH** : 9.3 (Conc. (% w/w): 100) [Basic.]

**Relative density** : 1.007 g/cm<sup>3</sup> (20°C / 68°F)

**Viscosity** : Not available.

**Solubility** : Easily soluble in the following materials: cold water, hot water.  
Insoluble in the following materials: methanol, diethyl ether, n-octanol, acetone.

**Flash point** : Lowest known value: Closed cup: >150°C (302°F). (alcohols, c9-11, ethoxylated)

**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** : Keep away from heat.

**Incompatibility with various substances** : No incompatible product according to our database.

**Hazardous Decomposition Products** : carbon oxides (CO, CO<sub>2</sub>) nitrogen oxides (NO, NO<sub>2</sub>...)

**Hazardous polymerization** : Will not occur.

## Section 11. Toxicological information

alcohols, c9-11, ethoxylated	LD50	>2000 mg/kg	Oral	Rat
	LC50	>5 mg/l (0.25 hour(s))	Inhalation	Rat
glycine, n,n-bis(carboxymethyl)-, trisodium salt	LD50	1100 mg/kg	Oral	Rat
	LD50	681 mg/kg	Oral	Mouse
	LD50	750 mg/kg	Oral	Monkey.
Potassium hydroxide Styrene	LD50	273 mg/kg	Oral	Rat
	LD50	2650 mg/kg	Oral	Rat
	LD50	316 mg/kg	Oral	Mouse

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Triethylamine	LD50	>1500 mg/kg	Oral	Mammal
	LD50	460 mg/kg	Oral	Rat
	LD50	546 mg/kg	Oral	Mouse

**Chronic effects on humans** : **CARCINOGENIC EFFECTS:** Classified 2B (Possible for human.) by IARC [glycine, n,n-bis(carboxymethyl)-, trisodium salt]. Classified A4 (Not classifiable for human or animal.) by ACGIH [Triethylamine].

**Other toxic effects on humans** : Hazardous by the following route of exposure: of eye contact (irritant).

**Special remarks on toxicity to animals** : Not available.

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

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

#### Specific effects

**Carcinogenic effects** : Contains material which may cause cancer.. Risk of cancer depends on duration and level of exposure.

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

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

## Section 12. Ecological information

glycine, n,n-bis(carboxymethyl)-, trisodium salt	Fish (LC50)	96 hour(s)	>200 mg/l
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Styrene	Selenastrum capricornutum (EC50)	48 hour(s)	0.56 mg/l
	Daphnia magna (EC50)	48 hour(s)	4.7 mg/l
	Pimephales promelas (LC50)	96 hour(s)	4.02 mg/l
	Pimephales promelas (LC50)	96 hour(s)	10 mg/l
	Lepomis macrochirus (LC50)	96 hour(s)	25.05 mg/l
	Pimephales promelas (LC50)	96 hour(s)	29 mg/l

**BOD and COD** : Not available.

**Biodegradable/OECD** : Biodegradable

**Mobility** : Not available.

**Products of degradation** : Decomposition products may include the following materials: carbon oxides (CO, CO<sub>2</sub>) and water, nitrogen oxides (NO, NO<sub>2</sub>...).

**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 controlled under WHMIS (Canada).  
No products were found.

### International regulations

**EINECS** : Not available.

**DSCL (EEC)** : R36- Irritating to eyes.

**International lists** :

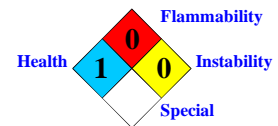
## Section 16. Other information

**Label Requirements** :

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

Health	1
Fire hazard	0
Reactivity	0
Personal protection	C

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



**References** : Not available.

**Other special considerations** : Not available.

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### 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.