



# Material Safety Data Sheet



## Hardwood polish

### Section 1. Chemical product and company identification

**Manufacturer** : HG International b.v. **Code** : 2001000  
**Address** : Damsluisweg 70 1332 EJ Almere **MSDS#** : 2.02  
**Country** : Netherlands **Validation date** : 6/2/2010.  
**Telephone No.:** : +31 (0)36 54 94 700 **Print date** : 6/2/2010.  
**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** : Consumer product.  
**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
ethanol, 2-(2-ethoxyethoxy)-	111-90-0	1 - 5	
dipropylene glycol methyl ether	34590-94-8	1 - 5	

### Section 3. Hazards identification

**Physical State and Appearance** : Liquid.

**Emergency overview** :  
May be irritating to eyes and skin.  
Do not ingest. Wash thoroughly after handling.

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

**Potential acute health effects**

**Eyes** : This product may irritate eyes upon contact.  
**Skin** : Can cause irritation.  
**Inhalation** : Can cause irritation.  
**Ingestion** : May be harmful if swallowed. Can cause irritation.

**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 immediately.
- 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>)
- Fire hazards in presence of various substances** : Non-flammable.
- Explosion hazards in presence of various substances** : Not available.
- Fire fighting media and instructions** : Use an extinguishing agent suitable for surrounding fires.  
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** : 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.

## Section 8. Exposure Controls, Personal Protection

- Engineering controls** : No special ventilation requirements.
- Personal protection**
- Eyes** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.
- Skin** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

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**Respiratory** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**Hands** : Chemical-resistant, impervious gloves or gauntlets complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Other protection** : Not available.

**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

<b>Physical State and Appearance</b>	: Liquid.
<b>Color</b>	: White.
<b>Odor</b>	: Characteristic.
<b>pH</b>	: 9.1 (Conc. (% w/w): 100) [Basic.]
<b>Relative density</b>	: 1.025 g/cm <sup>3</sup> (20°C / 68°F)
<b>Viscosity</b>	: Dynamic: Highest known value: 1034 cP (Watery modified maleinresin.) Weighted average: 419.15 cP
<b>Solubility</b>	: Easily soluble in the following materials: methanol, diethyl ether, acetone. Soluble in the following materials: cold water, hot water.
<b>Flash point</b>	: Not applicable.
<b>Flammability (solid, gas)</b>	: Not applicable.
<b>Explosive properties</b>	: Not available.
<b>Oxidizing properties</b>	: Not applicable
<b>Physical chemical comments</b>	: Not available.

## Section 10. Stability and reactivity

<b>Stability and Reactivity</b>	: The product is stable.
<b>Conditions of instability</b>	: Stable under recommended storage and handling conditions (see section 7).
<b>Incompatibility with various substances</b>	: Reactive with oxidizing agents, acids.
<b>Hazardous Decomposition Products</b>	: carbon oxides (CO, CO <sub>2</sub> )
<b>Hazardous polymerization</b>	: Yes.

## Section 11. Toxicological information

ethanol, 2-(2-ethoxyethoxy)-	LD50	3620 mg/kg	Oral	Rabbit
	LD50	8500 mg/kg	Dermal	Rabbit
	LD50	6000 mg/kg	Dermal	Rat
dipropylene glycol methyl ether	LD50	5135 mg/kg	Oral	Rat
	LD50	9500 mg/kg	Dermal	Rat
	LD50	9500 mg/kg	Dermal	Rabbit
Tributoxyethyl phosphate	LD50	6200 mg/kg	Oral	Rat
	LD50	>2000 mg/kg	Dermal	Rabbit
Nonionics	LD50	13792 mg/kg	Oral	Rat
Watery modified maleinresin.	LD50	>2000 mg/kg	Oral	Rat
Ethoxylated alcohol.	LD50	>5000 mg/kg	Oral	Rat
Ammonia	LD50	350 mg/kg	Oral	Rat
	LDLo	43 mg/kg	Oral	human
	LDLo	750 mg/kg	Oral	Cat.

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<b>Chronic effects on humans</b>	:	Contains material which causes damage to the following organs: upper respiratory tract, central nervous system (CNS), eye, lens or cornea.
<b>Other toxic effects on humans</b>	:	Not considered to be toxic for humans.
<b>Special remarks on toxicity to animals</b>	:	Very low toxicity for humans or animals. (Preservative.)
<b>Special remarks on chronic effects on humans</b>	:	Not available.
<b>Special remarks on other toxic effects on humans</b>	:	Not available.
<b>Specific effects</b>		
<b>Carcinogenic effects</b>	:	No known significant effects or critical hazards.
<b>Mutagenic effects</b>	:	No known significant effects or critical hazards.
<b>Reproduction toxicity</b>	:	No known significant effects or critical hazards.

## Section 12. Ecological information

ethanol, 2-(2-ethoxyethoxy)-	Pimephales promelas (LC50)	96 hour(s)	9650 mg/l
	Lepomis macrochirus (LC50)	96 hour(s)	>10000 mg/l
	Oncorhynchus mykiss (LC50)	96 hour(s)	13400 mg/l
	Pimephales promelas (LC50)	96 hour(s)	13900 mg/l
	Lepomis macrochirus (LC50)	96 hour(s)	21400 mg/l
	Pimephales promelas (LC50)	96 hour(s)	26500 mg/l
dipropylene glycol methyl ether	PIMEPHALES PROMELAS (LC50)	48 hour(s)	>10000 mg/l
Tributoxyethyl phosphate	Pimephales promelas (LC50)	96 hour(s)	11.2 mg/l
	Daphnia (LC50)	48 hour(s)	10 to 100 mg/l
Nonionics	FATHEAD MINNOWS (LC50)	96 hour(s)	61.7 to 71.7 mg/l

<b>BOD and COD</b>	:	Not available.
<b>Biodegradable/OECD</b>	:	Partially biodegradable
<b>Mobility</b>	:	Not available.
<b>Products of degradation</b>	:	Decomposition products may include the following materials: carbon oxides (CO, CO <sub>2</sub> ) and water, phosphates.
<b>Toxicity of the products of biodegradation</b>	:	The product itself and its products of degradation are not toxic.
<b>Special remarks on the products of biodegradation</b>	:	Not available.

## Section 13. Disposal considerations

<b>Waste information</b>	:	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.
<b>Waste stream</b>	:	Not available.
<b>Consult your local or regional authorities.</b>		

## 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

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<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)** : This product is not classified according to the EU regulations.  
**International lists** :

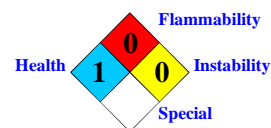
**Section 16. Other information**

**Label Requirements** : May be irritating to eyes and skin.

**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.

**Date of printing** : 6/2/2010.  
**Date of issue** : 6/2/2010.  
**Date of previous issue** : No previous validation.  
**Version** : 2.02

**Notice to reader**

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