



Material Safety Data Sheet



Gold shine balsam

Section 1. Chemical product and company identification

Manufacturer : HG International b.v. **Code** : 4360050
Address : Damsluisweg 70 1332 EJ Almere **MSDS#** : 1.01
Country : Netherlands **Validation date** : 22-8-2008.
Telephone No.: : +31 (0)36 54 94 700 **Print date** : 22-8-2008.
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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
Naphtha (petroleum), hydrodesulfurized heavy	64742-82-1	30 - 100	Not available.
silica, crystalline - quartz	14808-60-7	5 - 15	Not available.
Water	7732-18-5	1 - 5	Not available.
poly(oxy-1,2-ethanediyl), .alpha.-(1-oxo-9-octadecenyl)-.omega.-hydroxy-, (z)-	9004-96-0	1 - 5	Not available.
		0 - 1	Not available.
ammonia	1336-21-6	0 - 1	Not available.
triethanolamine	102-71-6	0 - 1	Not available.
2,2'-Iminodiethanol	111-42-2	0 - 1	Not available.

Section 3. Hazards identification

Physical State and Appearance : Liquid. (Visceus)
Emergency overview : Warning!
Combustible
Keep away from heat, sparks and flame. Keep container closed. Use only with adequate ventilation.
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 : Can cause irritation.
Inhalation : Can cause irritation. Vapors may cause drowsiness and dizziness.
Ingestion : Can cause irritation.

Potential chronic health effects

CARCINOGENIC EFFECTS: Classified 2 (Suspected for human.) by European Union [Naphtha (petroleum), hydrodesulfurized heavy]. Classified 1 (Known To Be Human Carcinogens.) by NTP, + (Proven.) by NIOSH [silica, crystalline - quartz]. Classified A2 (Suspected for human.) by ACGIH, 2A (Probable for human.) by IARC [silica, crystalline - quartz]. Classified 3 (Not classifiable for human.) by IARC [triethanolamine]. Classified 3 (Not classifiable for human.) by IARC [2,2'-Iminodiethanol].
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.

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Medical conditions aggravated by overexposure: : Repeated or prolonged exposure to the substance can produce target organs damage.

Over-exposure signs/symptoms : Vapors may cause drowsiness and dizziness.

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

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** : Flammable.
- Auto-ignition Temperature** : >200°C (392°F)
- Flash Points** : Closed cup: 40°C (104°F). (Pensky-Martens.)
- Flammable limits** : Not available.
- Products of combustion** : Decomposition products may include the following materials: carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂...). Some metallic oxides.
- Fire hazards in presence of various substances** : COMBUSTIBLE.
- Explosion hazards in presence of various substances** : Not available.
- Fire fighting media and instructions** : In case of fire, use water spray (fog), foam, dry chemicals, or CO₂.
Flammable liquid and vapor. Vapor may cause flash fire. Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition and flash back. Runoff to sewer may create fire or explosion 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** : Combustible when exposed to heat or flame.
- Special remarks on explosion hazards** : Not available.

Section 6. Accidental release measures

- Personal precautions** : Immediately contact emergency personnel. Eliminate all ignition sources. Keep unnecessary personnel away. Use suitable protective equipment (Section 8). Do not touch or walk through spilled material. Keep out of the reach of children.
- 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) and use a non-sparking or explosion proof means to transfer material to a sealed, appropriate 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.

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Section 7. Handling and storage

- Handling** : Keep container closed. Use only with adequate ventilation. Keep away from heat, sparks and flame. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Use explosion-proof electrical (ventilating, lighting and material handling) equipment.
- Storage** : Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

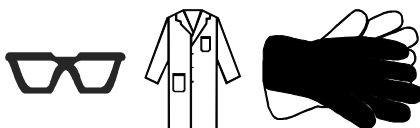
Section 8. Exposure Controls, Personal Protection

- Engineering controls** : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.

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, gases or dusts.
Recommended:safety glasses with side shields
- 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.
Body: Recommended:Work uniform or laboratory coat.
- 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.
Recommended:A respirator is not needed under normal and intended conditions of product use.
- 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.
>8 hour(s) (breakthrough time): Butyl rubber gloves.
- 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

- Physical State and Appearance** : Liquid. (Visceus)
- Color** : Red. Brown.
- Odor** : Aromatic
- pH** : 9.5 (Conc. (% w/w): 100) [Basic.]
- Relative density** : 1.05 g/cm³ (20°C / 68°F)
- Viscosity** : Kinematic: 8 cSt
- Solubility** : Insoluble in the following materials: cold water, hot water.
- Flash point** : Closed cup: 40°C (104°F). (Pensky-Martens.)
- Flammability (solid, gas)** : Not applicable.
- Explosive properties** : Not available.
- Oxidizing properties** : Not applicable
- Physical chemical comments** : Not available.

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Section 10. Stability and reactivity

- Stability and Reactivity** : The product is stable.
- Conditions of instability** : Keep away from heat, sparks and flame. Keep away from sources of ignition. Stable under recommended storage and handling conditions (see section 7).
- Incompatibility with various substances** : Reactive with oxidizing agents.
Slightly reactive to reactive with acids.
- Hazardous Decomposition Products** : Not available.
- Hazardous polymerization** : Will not occur.

Section 11. Toxicological information

Naphtha (petroleum), hydrodesulfurized heavy	LD50	>5000 mg/kg	Oral	Rat
2,2'-Iminodiethanol	LD50	>3000 mg/kg	Dermal	Rabbit
	LD50	1725 mg/kg	Oral	Rat
	LD50	3300 mg/kg	Oral	Mouse
triethanolamine	LD50	2200 mg/kg	Oral	Rabbit
	LD50	2200 mg/kg	Oral	Guinea pig
	LD50	5846 mg/kg	Oral	Mouse
	LD50	10000 mg/kg	Dermal	Rabbit
ammonia	LD50	350 mg/kg	Oral	Rat
	LDLo	43 mg/kg	Oral	human
	LDLo	750 mg/kg	Oral	Cat.

- Chronic effects on humans** : **CARCINOGENIC EFFECTS:** Classified 2 (Suspected for human.) by European Union [Naphtha (petroleum), hydrodesulfurized heavy]. Classified 1 (Known To Be Human Carcinogens.) by NTP, + (Proven.) by NIOSH [silica, crystalline - quartz]. Classified A2 (Suspected for human.) by ACGIH, 2A (Probable for human.) by IARC [silica, crystalline - quartz]. Classified 3 (Not classifiable for human.) by IARC [triethanolamine]. Classified 3 (Not classifiable for human.) by IARC [2,2'-Iminodiethanol]. Contains material which causes damage to the following organs: lungs, upper respiratory tract, eye, lens or cornea.
- Other toxic effects on humans** : Hazardous by the following route of exposure: of skin contact (irritant), 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 can 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

Naphtha (petroleum), hydrodesulfurized heavy	Trout (LC50)	96 hour(s)	41.4 mg/l
	Shrimp. (IC50)	96 hour(s)	4.3 mg/l
triethanolamine	Scenedesmus subspicatus (EC50)	48 hour(s)	470 mg/l
	Scenedesmus subspicatus (EC50)	48 hour(s)	750 mg/l
	Pimephales promelas (LC50)	96 hour(s)	11800 mg/l
2,2'-Iminodiethanol	Pimephales promelas (LC50)	96 hour(s)	1460 mg/l
	Daphnia magna (LC50)	48 hour(s)	110 mg/l
	Pimephales promelas (LC50)	96 hour(s)	>100 mg/l
	Daphnia magna (LC50)	96 hour(s)	>100 mg/l
	Pimephales promelas (LC50)	96 hour(s)	1370 mg/l
	Pimephales promelas (LC50)	96 hour(s)	1480 mg/l

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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 ₂) and water, nitrogen oxides (NO, NO ₂ ...). Some metallic oxides.
Toxicity of the products of biodegradation	: The product itself and its products of degradation are not toxic.
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
DOT Classification	1300	"dangerous goods in limited quantities of class 3" UN 1300, PG III. Marine pollutant	3	III		Marine pollutant Severe marine pollutant (PP) Limited quantity Yes. Remarks Limited Quantity
TDG Classification	1300	"dangerous goods in limited quantities of class 3" UN 1300, PG III. Marine pollutant	3	III		Marine pollutant Marine pollutant (P) Remarks Limited Quantity
ADR/RID Class	1300	UN 1300, "dangerous goods in limited quantities of class 3", III, ADR (Naphtha (petroleum), hydrodesulfurized heavy)	3	III		Hazard identification number 30 Reportable quantity 45 Remarks Keep in frostfree area Dangerous goods in limited quantities
IMDG Class	1300	"dangerous goods in limited quantities of class 3" UN 1300, PG III, (Naphtha (petroleum), hydrodesulfurized heavy). Marine pollutant (Naphtha (petroleum), hydrodesulfurized heavy)	3	III		Emergency schedules (EmS) F-E, S-E Marine pollutant Marine pollutant (P) Reportable quantity 45

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						Remarks Keep in frostfree area Dangerous goods in limited quantities
IATA-DGR Class	1300	"dangerous goods in limited quantities of class 3" UN 1300, PG III, (Naphtha (petroleum), hydrodesulfurized heavy)	3	III		Remarks Keep in frostfree area

Section 15. Regulatory information

WHMIS (Canada) : Class B-2: Flammable liquid
No products were found.

International regulations

EINECS : Not available.

DSCL (EEC) : R10- Flammable.
R67- Vapors may cause drowsiness and dizziness.

International lists :

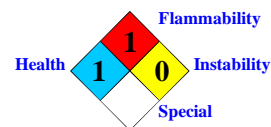
Section 16. Other information

Label Requirements : Combustible

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

Health	1
Fire hazard	1
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.