

SAFETY DATA SHEET

Gold shine balsam

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

Identification of the substance or preparation

Product name : Gold shine balsam
Product use : Removes the scratches and your gold will shine like never before.

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 : United Kingdom (UK)

2. Composition/information on ingredients

Substance/preparation : Preparation

Ingredient name	CAS number	EC Number	%	Classification
United Kingdom (UK)				
Naphtha (petroleum), hydrodesulfurized heavy	64742-82-1	265-185-4	15 - 30	10 Xn; 65 66, 67 N; 51/53
silica, crystalline - quartz	14808-60-7	238-878-4	5 - 15	Not classified.
	poly(oxy-1,2-ethanediyl), .alpha.-(1-oxo-9-octadecenyl)-.omega.-hydroxy-, (z)-ammonia	9004-96-0	500-015-7	
	1336-21-6	215-647-6	0 - 1	C; 34 N; 50

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 classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification : 10
67
Physical/chemical hazards : Flammable.
Human health hazards : Vapours may cause drowsiness and dizziness.
Additional Hazards : Irritating to eyes and skin.

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

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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. Get medical attention if symptoms appear.
- 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.
- 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.
- Notes to physician** : Not available.
- Specific treatments** : Not available.

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 CO₂ extinguisher or spray.
- Special exposure hazards** : Flammable liquid and vapour. Vapour may cause flash fire. Vapours may accumulate in low or confined areas, travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.
Not available.
- Hazardous thermal decomposition products** : These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂...). Some metallic oxides.
- Special protective equipment for fire-fighters** : Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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.
- 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.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

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 earthing and bonding containers and equipment before transferring material. Use explosion-proof electrical (ventilating, lighting and material handling) equipment.

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- 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).
- Packaging materials**
- Recommended** : Use original container.
- Specific uses** : Not available.

8. Exposure controls/personal protection

Ingredient name

Occupational exposure limits

United Kingdom (UK)

silica, crystalline - quartz

EH40-WEL (United Kingdom (UK), 1/2005).

TWA: 0,3 mg/m³ 8 hour(s). Form: Respirable fraction

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.

Respiratory protection

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

Hand protection

: 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.

Eye protection

: splash goggles

Skin protection

: Work uniform or laboratory coat.

9. Physical and chemical properties

General information

Appearance

Physical state

: Liquid. (Visceus)

Colour

: Red. Brown.

Odour

: Aromatic.

Important health, safety and environmental information

pH

: 9.5 (Conc. (% w/w): 100) [Basic.]

Melting point

: May start to solidify at 21.95°C (71.5°F) based on data for: Triethanolamine. Weighted average: -12.35°C (9.8°F)

Boiling point

: 140 to 200°C (284 to 392°F)

Flash point

: Closed cup: 40°C (104°F). (Pensky-Martens.)

Flammability (solid, gas)

: Not applicable.

Explosive properties

: Not available.

Oxidising properties

: Not applicable

Relative density

: 1.05 g/cm³ (20°C / 68°F)

Solubility

: Insoluble in cold water, hot water.

Viscosity

: Kinematic: 8 cSt

Evaporation rate (butyl acetate = 1) : <0.005 (Triethanolamine) compared to Butyl acetate.

Other information

Auto-ignition temperature

: >200°C (392°F)

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10. Stability and reactivity

- Stability** : The product is stable.
- Conditions to Avoid** : Keep away from heat, sparks and flame. Keep away from sources of ignition. Stable under recommended storage and handling conditions (see section 7).
- Materials to avoid** : Reactive with oxidising agents.
Slightly reactive to reactive with acids.
- Hazardous Decomposition Products** : These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂...). Some metallic oxides.

11. Toxicological information

Potential acute health effects

- Inhalation** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.
- Skin Contact** : No known significant effects or critical hazards.
- Eye contact** : No known significant effects or critical hazards.

Acute toxicity

<u>Ingredient name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
Naphtha (petroleum), hydrodesulfurized heavy	LD50	>5000 mg/kg	Oral	Rat
	LD50	>3000 mg/kg	Dermal	Rabbit
	LD50	2200 mg/kg	Oral	Rabbit
	LD50	2200 mg/kg	Oral	Guinea pig
	LD50	5846 mg/kg	Oral	Mouse
ammonia	LD50	10000 mg/kg	Dermal	Rabbit
	LD50	350 mg/kg	Oral	Rat
	LDLo	43 mg/kg	Oral	human
	LDLo	750 mg/kg	Oral	Cat

- Carcinogenicity** : No known significant effects or critical hazards.
- Mutagenicity** : No known significant effects or critical hazards.
- Reproductive toxicity** : No known significant effects or critical hazards.

Over-exposure signs/symptoms

- Inhalation** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.
- Skin** : No known significant effects or critical hazards.
- Target organs** : Contains material which causes damage to the following organs: lungs, upper respiratory tract, eye, lens or cornea.

- Other adverse effects** : Not available.

12. Ecological information

Ecotoxicity data

<u>Ingredient name</u>	<u>Species</u>	<u>Period</u>	<u>Result</u>
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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

Other ecological information

Persistence/degradability

Ingredient name

Aquatic half-life

Photolysis

Biodegradability

Naphtha (petroleum), hydrodesulfurized heavy -

Triethanolamine -

Readily

Not readily

No known significant effects or critical hazards.

Other adverse effects

13. Disposal considerations

Methods of disposal

: 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 classification



: Not applicable.

Hazardous waste

: The classification of the product may meet the criteria for a hazardous waste

14. Transport information

International transport regulations

Regulatory information	UN number	Proper shipping name	Class	Packing group	Label	Additional Information
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
ADN Class	1300	UN 1300, "dangerous goods in limited quantities of class 3", III, ADN (Naphtha (petroleum), hydrodesulfurized heavy)	3	III		RQ (Reportable quantity) ADN 45 Remarks Keep in frostfree area Dangerous goods in limited quantities

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

15. Regulatory information

EU Regulations

- Risk Phrases** : R10- Flammable.
R67- Vapours may cause drowsiness and dizziness.
- Safety Phrases** : S1/2- Keep locked up and out of the reach of children.
S9- Keep container in a well-ventilated place.
S16- Keep away from sources of ignition - No smoking.
- Other EU regulations** : Not available.
- 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.
- EC Statistical classification (Tariff Code)** : 32089091
- Ingredients identification information** : 30% and more: aliphatic hydrocarbons. less than 5%: non-ionic surfactants.

16. Other information

- Full text of R phrases referred to in sections 2 and 3 - United Kingdom (UK)** : R10- Flammable.
R65- Harmful: may cause lung damage if swallowed.
R34- Causes burns.
R36/38- Irritating to eyes and skin.
R66- Repeated exposure may cause skin dryness or cracking.
R67- Vapours may cause drowsiness and dizziness.
R50- Very toxic to aquatic organisms.
R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Full text of classifications referred to in sections 2 and 3 - United Kingdom (UK)** : C - Corrosive
Xn - Harmful
Xi - Irritant
N - Dangerous for the environment.

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This safety data sheet is prepared in accordance with EU
directive 91/155/EC amended by Directive 2001/58/EC



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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.

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