



30574-9260

Page 1/16

Safety Data Sheet acc. to OSHA HCS

Printing date 03/15/2023

Version 7

Reviewed on 03/15/2023

1 Identification

- **Product identifier** Bright gold
- **Trade name:**
- **Product ID#:** **HOBBY PREMIUM GOLD LUSTER** **GBC7927-H**
- **Product Use:** Coating compound/ Surface coating/ paint
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Mayco Colors
4077 Weaver Court South
Hilliard, OH 43026
tel. 614-876-1171
fax. 614-876-9904
- **Information department:** Product Safety Department 1 (610) 873-3200 M-F 8am-5pm
- **Emergency telephone number:** 1 856 384-7050

2 Hazard(s) identification

- **Classification of the substance or mixture**

Flammable Liquids 3	H226 Flammable liquid and vapor.
Acute Toxicity - Oral 4	H302 Harmful if swallowed.
Skin Irritation 2	H315 Causes skin irritation.
Eye Irritation 2A	H319 Causes serious eye irritation.
Sensitization - Skin 1	H317 May cause an allergic skin reaction.
Carcinogenicity 2	H351 Suspected of causing cancer.
Specific Target Organ Toxicity - Single Exposure 2	H371 May cause damage to organs.
Aspiration Hazard 1	H304 May be fatal if swallowed and enters airways.

- **Label elements**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS02 GHS07 GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**

eucalyptus globulus extr.
clove, ext.
alpha-Pinene
rosemary extr.

(Contd. on page 2)

US

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/15/2023

Version 7

Reviewed on 03/15/2023

Product ID#: **HOBBY PREMIUM GOLD LUSTER****GBC7927-H**

(Contd. of page 1)

- **Hazard statements**

H226 Flammable liquid and vapor.
 H302 Harmful if swallowed.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H317 May cause an allergic skin reaction.
 H351 Suspected of causing cancer.
 H371 May cause damage to organs.
 H304 May be fatal if swallowed and enters airways.

- **Precautionary statements**

P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 P233 Keep container tightly closed.
 P240 Ground/bond container and receiving equipment.
 P241 Use explosion-proof electrical/ventilating/lighting/equipment.
 P242 Use only non-sparking tools.
 P243 Take precautionary measures against static discharge.
 P260 Do not breathe dust/fume/gas/mist/vapors/spray.
 P264 Wash thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P272 Contaminated work clothing must not be allowed out of the workplace.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P301+P310 If swallowed: Immediately call a poison center/doctor.
 P321 Specific treatment (see on this label).
 P330 Rinse mouth.
 P331 Do NOT induce vomiting.
 P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P308+P313 IF exposed or concerned: Get medical advice/attention.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P337+P313 If eye irritation persists: Get medical advice/attention.
 P363 Wash contaminated clothing before reuse.
 P370+P378 In case of fire: Use CO₂, sand, extinguishing powder to extinguish.
 P403+P235 Store in a well-ventilated place. Keep cool.
 P405 Store locked up.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Hazard description:**

- **American Hazard Description**

Based upon the components the following hazards may exist:
 Target Organs - Lungs, Central Nervous System

- **Classification system:**

- **NFPA ratings (scale 0 - 4)**



Health = 2
 Fire = 3
 Reactivity = 0

(Contd. on page 3)

US

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/15/2023

Version 7

Reviewed on 03/15/2023

Product ID#: **HOBBY PREMIUM GOLD LUSTER****GBC7927-H**

(Contd. of page 2)

· **HMIS ratings (scale 0 - 4)**

HEALTH	2	Health = 2
FIRE	3	Fire = 3
REACTIVITY	0	Reactivity = 0

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Description:**

Solution of organo(precious) metal compounds and resins / waxes in a mixture of organic solvents and essential oils

· **Hazardous components:**

CAS: 84625-32-1 EINECS: 283-406-2	eucalyptus globulus extr. ⚠ Flammable Liquids 3, H226; ⚠ Sensitization - Skin 1, H317	>30-<40%
CAS: 68365-87-7 EINECS: 269-858-3	aurio(1+) 2,6,6-trimethylbicyclo[3.1.1]heptanethiolate ⚠ Flammable Solids 2, H228	>15-<20%
CAS: 78-70-6 EINECS: 201-134-4 RTECS: RG 5775000	Linalool ⚠ Sensitization - Skin 1B, H317; ⚠ Flammable Liquids 4, H227	>6-<8%
CAS: 80-56-8 EINECS: 201-291-9	alpha-Pinene ⚠ Flammable Liquids 3, H226; ⚠ Aspiration Hazard 1, H304; ⚠ Skin Irritation 2, H315; ⚠ Eye Irritation 2A, H319	>4-<6%
CAS: 84961-50-2 EINECS: 284-638-7	clove, ext. Alternative CAS number: 8000-34-8 ⚠ Acute Toxicity - Oral 3, H301; ⚠ Acute Toxicity - Dermal 3, H311; ⚠ Skin Irritation 2, H315	>4-<6%
CAS: 8000-28-0 EINECS: 289-995-2	lavender oil Consisting of: 78-70-6 Linalool (≥30-<50%); 115-95-7 linalyl acetate (≥10-<25%); 470-82-6 eucalyptol (≥1-<10%); 76-22-2 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one (≥1-<10%); 562-74-3 4-Carvomenthenol (≥1-<10%) Alternative CAS number: 84776-65-8 ⚠ Skin Irritation 2, H315; ⚠ Eye Irritation 2A, H319; ⚠ Sensitization - Skin 1, H317; ⚠ Flammable Liquids 4, H227	≥2.5-<3%
EC number: 932-349-8 RTECS: YO8400000	Turpentine, oil Alternative CAS number: 8006-64-2 ⚠ Flammable Liquids 3, H226; ⚠ Aspiration Hazard 1, H304; ⚠ Acute Toxicity - Oral 4, H302; ⚠ Acute Toxicity - Dermal 4, H312; ⚠ Acute Toxicity - Inhalation 4, H332; ⚠ Skin Irritation 2, H315; ⚠ Eye Irritation 2A, H319; ⚠ Sensitization - Skin 1, H317	≥2.5-<3%
CAS: 95-50-1 EINECS: 202-425-9 RTECS: CZ 4500000	1,2-dichlorobenzene ⚠ Acute Toxicity - Oral 4, H302; ⚠ Acute Toxicity - Inhalation 4, H332; ⚠ Skin Irritation 2, H315; ⚠ Eye Irritation 2A, H319; ⚠ Sensitization - Skin 1, H317; ⚠ Specific Target Organ Toxicity - Single Exposure 3, H335; ⚠ Flammable Liquids 4, H227	>2-<2.5%

(Contd. on page 4)

Page 4/16

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/15/2023

Version 7

Reviewed on 03/15/2023

Product ID#: **HOBBY PREMIUM GOLD LUSTER****GBC7927-H**

		(Contd. of page 3)
CAS: 8000-25-7 EINECS: 283-291-9	rosemary extr. Consisting of: 470-82-6 eucalyptol (≥30-<45%); 76-22-2 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one (≥5-<15%); 80-56-8 alpha-Pinene (≥10-<20%); 106-22-9 dl-Citronellol (≥1-<10%); 127-91-3 beta-pinene (≥1-<10%) Alternative CAS number: 84604-14-8 ⚠ Flammable Liquids 3, H226; ⚠ Specific Target Organ Toxicity - Single Exposure 2, H371; Aspiration Hazard 1, H304; ⚠ Skin Irritation 2, H315; Sensitization - Skin 1, H317	>1.5-<2%
CAS: 76-22-2 EINECS: 200-945-0 RTECS: EX1225000	1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one ⚠ Flammable Solids 2, H228; ⚠ Skin Irritation 2, H315; Eye Irritation 2A, H319; Specific Target Organ Toxicity - Single Exposure 3, H335	>1-<1.5%
CAS: 71819-51-7 EINECS: 201-635-8 RTECS: QL 5775000	1-(2-methyl-4-(2-methylphenylazo)phenylazo)-2-naphthol ⚠ Acute Toxicity - Dermal 3, H311; ⚠ Acute Toxicity - Inhalation 4, H332	>0.5-<1%
CAS: 1330-20-7 EINECS: 215-535-7 RTECS: ZE 2100000	xylene, mixture of isomers ⚠ Flammable Liquids 3, H226; ⚠ Acute Toxicity - Dermal 4, H312; Acute Toxicity - Inhalation 4, H332; Skin Irritation 2, H315; Eye Irritation 2A, H319	≥0.25-<0.5%
CAS: 104-46-1 EINECS: 203-205-5 RTECS: BZ 8925000	Anethole (isomer unspecified) ⚠ Sensitization - Skin 1, H317; Eye Irritation 2B, H320	≥0.25-<0.5%
CAS: 3444-17-5 EINECS: 222-357-3	chromium 2-ethylhexanoate ⚠ Acute Toxicity - Oral 3, H301; ⚠ Sensitization - Skin 1, H317	≥0.1-<0.5%
CAS: 78-59-1 EINECS: 201-126-0 RTECS: GW 7700000	isophorone ⚠ Carcinogenicity 2, H351; ⚠ Acute Toxicity - Oral 4, H302; Acute Toxicity - Dermal 4, H312; Eye Irritation 2A, H319; Specific Target Organ Toxicity - Single Exposure 3, H335; Flammable Liquids 4, H227	≥0.1-<0.5%
· Main components:		
CAS: 84625-32-1 EINECS: 283-406-2	eucalyptus globulus extr. ⚠ Flammable Liquids 3, H226; ⚠ Sensitization - Skin 1, H317	>30-<40%
CAS: 68365-87-7 EINECS: 269-858-3	aurio(1+) 2,6,6-trimethylbicyclo[3.1.1]heptanethiolate ⚠ Flammable Solids 2, H228	>15-<20%
CAS: 78-70-6 EINECS: 201-134-4 RTECS: RG 5775000	Linalool ⚠ Sensitization - Skin 1B, H317; Flammable Liquids 4, H227	>6-<8%
CAS: 80-56-8 EINECS: 201-291-9	alpha-Pinene ⚠ Flammable Liquids 3, H226; ⚠ Aspiration Hazard 1, H304; ⚠ Skin Irritation 2, H315; Eye Irritation 2A, H319	>4-<6%
		(Contd. on page 5)

US

Page 5/16

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/15/2023

Version 7

Reviewed on 03/15/2023

Product ID#: **HOBBY PREMIUM GOLD LUSTER****GBC7927-H**

		(Contd. of page 4)
CAS: 84961-50-2 EINECS: 284-638-7	clove, ext. Alternative CAS number: 8000-34-8 ⚠ Acute Toxicity - Oral 3, H301; Acute Toxicity - Dermal 3, H311; ⚠ Skin Irritation 2, H315	>4-<6%
CAS: 8000-28-0 EINECS: 289-995-2	lavender oil Consisting of: 78-70-6 Linalool (≥30-<50%); 115-95-7 linalyl acetate (≥10-<25%); 470-82-6 eucalyptol (≥1-<10%); 76-22-2 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one (≥1-<10%); 562-74-3 4-Carvomenthenol (≥1-<10%) Alternative CAS number: 84776-65-8 ⚠ Skin Irritation 2, H315; Eye Irritation 2A, H319; Sensitization - Skin 1, H317; Flammable Liquids 4, H227	≥2.5-<3%
EC number: 932-349-8 RTECS: YO8400000	Turpentine, oil Alternative CAS number: 8006-64-2 ⚠ Flammable Liquids 3, H226; ⚠ Aspiration Hazard 1, H304; ⚠ Acute Toxicity - Oral 4, H302; Acute Toxicity - Dermal 4, H312; Acute Toxicity - Inhalation 4, H332; Skin Irritation 2, H315; Eye Irritation 2A, H319; Sensitization - Skin 1, H317	≥2.5-<3%
CAS: 95-50-1 EINECS: 202-425-9 RTECS: CZ 4500000	1,2-dichlorobenzene ⚠ Acute Toxicity - Oral 4, H302; Acute Toxicity - Inhalation 4, H332; Skin Irritation 2, H315; Eye Irritation 2A, H319; Sensitization - Skin 1, H317; Specific Target Organ Toxicity - Single Exposure 3, H335; Flammable Liquids 4, H227	>2-<2.5%
CAS: 8000-25-7 EINECS: 283-291-9	rosemary extr. Consisting of: 470-82-6 eucalyptol (≥30-<45%); 76-22-2 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one (≥5-<15%); 80-56-8 alpha-Pinene (≥10-<20%); 106-22-9 dl-Citronellol (≥1-<10%); 127-91-3 beta-pinene (≥1-<10%) Alternative CAS number: 84604-14-8 ⚠ Flammable Liquids 3, H226; ⚠ Specific Target Organ Toxicity - Single Exposure 2, H371; Aspiration Hazard 1, H304; ⚠ Skin Irritation 2, H315; Sensitization - Skin 1, H317	>1.5-<2%
CAS: 76-22-2 EINECS: 200-945-0 RTECS: EX1225000	1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one ⚠ Flammable Solids 2, H228; ⚠ Skin Irritation 2, H315; Eye Irritation 2A, H319; Specific Target Organ Toxicity - Single Exposure 3, H335	>1-<1.5%
CAS: 7704-34-9 EINECS: 231-722-6	sulphur	>0.5-<1%
CAS: 68956-80-9 EINECS: 273-319-8	Bi resinat	>0.5-<1%
CAS: 71819-51-7 EINECS: 201-635-8 RTECS: QL 5775000	1-(2-methyl-4-(2-methylphenylazo)phenylazo)-2-naphthol ⚠ Acute Toxicity - Dermal 3, H311; ⚠ Acute Toxicity - Inhalation 4, H332	>0.5-<1%
CAS: 1330-20-7 EINECS: 215-535-7 RTECS: ZE 2100000	xylene, mixture of isomers ⚠ Flammable Liquids 3, H226; ⚠ Acute Toxicity - Dermal 4, H312; Acute Toxicity - Inhalation 4, H332; Skin Irritation 2, H315; Eye Irritation 2A, H319	≥0.25-<0.5%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

US
(Contd. on page 6)

Page 6/16

Safety Data Sheet acc. to OSHA HCS

Printing date 03/15/2023

Version 7

Reviewed on 03/15/2023

Product ID#: **HOBBY PREMIUM GOLD LUSTER****GBC7927-H**

(Contd. of page 5)

4 First-aid measures

- **Description of first aid measures**
- **General information:**
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- **After inhalation:**
If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen.
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:**
Remove contaminated clothing and wash skin with soap and water. Wash or clean clothing before reuse.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** CO₂, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** Wear full firefighting gear and SCBA

* 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear full face positive pressure air supply respirators
Wear protective equipment. Keep unprotected persons away.
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Prevent seepage into sewage system, workpits and cellars.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

(Contd. on page 7)

US

Page 7/16

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/15/2023

Version 7

Reviewed on 03/15/2023

Product ID#: **HOBBY PREMIUM GOLD LUSTER****GBC7927-H**

(Contd. of page 6)

· Protective Action Criteria for Chemicals

· PAC-1:		
95-50-1	1,2-dichlorobenzene	50 ppm
· PAC-2:		
95-50-1	1,2-dichlorobenzene	170 ppm
· PAC-3:		
95-50-1	1,2-dichlorobenzene	1,000 ppm

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about protection against explosions and fires:**



Keep ignition sources away - Do not smoke.

Protect from heat.
Protect against electrostatic charges.

- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:**
The application of this product requires well exhausted firing kilns and efficient ventilation of working areas.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.
There is no PEL established for this mixture. Recommend monitoring based upon the components in the mixture.

80-56-8 alpha-Pinene	
TLV	Long-term value: 20 ppm DSEN, A4
Turpentine, oil	
PEL	Long-term value: 560 mg/m ³ , 100 ppm
REL	Long-term value: 560 mg/m ³ , 100 ppm

(Contd. on page 8)

US

Page 8/16

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/15/2023

Version 7

Reviewed on 03/15/2023

Product ID#: **HOBBY PREMIUM GOLD LUSTER****GBC7927-H**

(Contd. of page 7)

TLV	Long-term value: 20 ppm DSEN, A4
95-50-1 1,2-dichlorobenzene	
PEL	Ceiling limit value: 300 mg/m ³ , 50 ppm
REL	Ceiling limit value: 300 mg/m ³ , 50 ppm
TLV	Short-term value: 50 ppm Long-term value: 25 ppm A4
1330-20-7 xylene, mixture of isomers	
PEL	Long-term value: 435 mg/m ³ , 100 ppm
REL	Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm
TLV	Long-term value: 20 ppm BEI, A4
78-59-1 isophorone	
PEL	Long-term value: 140 mg/m ³ , 25 ppm
REL	Long-term value: 23 mg/m ³ , 4 ppm
TLV	Ceiling limit value: 5 ppm A3
· Ingredients with biological limit values:	
1330-20-7 xylene, mixture of isomers	
BEI	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Store protective clothing separately.



Avoid contact with the eyes and skin.

· **Breathing equipment:** Not required.

· **Protection of hands:** Protective gloves

· **Material of gloves**

Nitrile rubber, NBR
Chemical resistant gloves

· **Eye protection:** Tightly sealed goggles

-US

(Contd. on page 9)

Page 9/16

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/15/2023

Version 7

Reviewed on 03/15/2023

Product ID#: **HOBBY PREMIUM GOLD LUSTER****GBC7927-H**

(Contd. of page 8)

9 Physical and chemical properties

- Information on basic physical and chemical properties

- General Information

- Appearance:

Form:	Liquid
Color:	Red-brown
Odor:	Pleasant
Odor threshold:	Not determined.

pH-value:	Neutral Not determined.
-----------	----------------------------

Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	156 °C (312.8 °F)

Flash point:	33 °C (91.4 °F) (ISO 3679)
--------------	----------------------------

Flammability (solid, gaseous):	Not applicable.
--------------------------------	-----------------

Ignition temperature:	235 °C (455 °F)
-----------------------	-----------------

Decomposition temperature:	Not determined.
----------------------------	-----------------

Auto igniting:	Product is not selfigniting.
----------------	------------------------------

Danger of explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
----------------------	--

Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.

Vapor pressure:	Not determined.
-----------------	-----------------

Density:	Not determined.
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not determined.

Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
---	-----------------------------------

Partition coefficient (n-octanol/water):	Not determined.
--	-----------------

Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.

Solvent content:	
Organic solvents:	60.3 %
Solvent (USA):	60.28 %
	602.8 g/l / 5.03 lb/gal

Solids content:	33.6 %
-----------------	--------

Other information	No further relevant information available.
-------------------	--

(Contd. on page 10)

Safety Data Sheet acc. to OSHA HCS

Printing date 03/15/2023

Version 7

Reviewed on 03/15/2023

Product ID#: **HOBBY PREMIUM GOLD LUSTER****GBC7927-H**

(Contd. of page 9)

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

Turpentine, oil		
Oral	LD50	3,700 mg/kg (rat)
	NOAEL	987 mg/kg/24h (rat)
Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC50/4 h	13.7 mg/L (rat)
	NOAEC	283.24 mg/m3 (mouse)
Vapour may cause respiratory irritation (based on read-across from experimentally obtained data on a different but relevant substance. Moderate hyperplasia observed in the transitional epithelium of the urinary bladder in animal studies.		
95-50-1 1,2-dichlorobenzene		
Oral	LD50	1,516 mg/kg (rat)
Dermal	LD50	>10,000 mg/kg (rabbit)
Inhalative	LC50/4 h	14.04 mg/L (rat)
8000-25-7 rosemary extr.		
Oral	LD50	5,000 mg/kg (rat)
76-22-2 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one		
Oral	LD50	1,310 mg/kg (mouse)
1330-20-7 xylene, mixture of isomers		
Oral	LD50	8,700 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rabbit)
Inhalative	LD50	>100 mg/L (microbiological activity)
		0.1 DY
	LC50/4 h	6,350 mg/L (rat)
104-46-1 Anethole (isomer unspecified)		
Oral	LD50	2,090 mg/kg (rat)
78-59-1 isophorone		
Oral	LD50	1,500 mg/kg (rabbit)
Dermal	LD50	1,500 mg/kg (rabbit)

(Contd. on page 11)

-us

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/15/2023

Version 7

Reviewed on 03/15/2023

Product ID#: **HOBBY PREMIUM GOLD LUSTER****GBC7927-H**

(Contd. of page 10)

- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Harmful
Irritant

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

95-50-1	1,2-dichlorobenzene	3
1330-20-7	xylene, mixture of isomers	3
78-59-1	isophorone	2B

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

Carcinogenicity 2

12 Ecological information

- **Toxicity**

- **Aquatic toxicity:**

Turpentine, oil		
Oral	LC50/96 h	29 mg/L (fish) danio rerio
	EC50/3 h	736 mg/L (microbiological activity)
	EC50/48 h	736 mg/L (microbiological activity)
	EC50/72 h	8.8 mg/L (daphnia)
	EC50/96 h	17.1 µg/L (algae) desmodesmus subspicatus
	NOEC	17.1 mg/L (algae)
		10 mg/L (algae)
		5 mg/L (fish) danio rerio
		10 mg/L (microbiological activity)
95-50-1 1,2-dichlorobenzene		
Oral	LC50/96 h (static)	1.52 mg/L (fish) Oncorhynchus mykiss
8000-25-7 rosemary extr.		
Oral	LC50/48 h	6.7 mg/L (fish) (DIN 38412 T.15) golden orfe
	EC50/24 h	25.2 mg/L (daphnia) (DIN 38412, 11)

(Contd. on page 12)

US

Safety Data Sheet acc. to OSHA HCS

Printing date 03/15/2023

Version 7

Reviewed on 03/15/2023

Product ID#: **HOBBY PREMIUM GOLD LUSTER****GBC7927-H**

(Contd. of page 11)

1330-20-7 xylene, mixture of isomers

Oral	LC50/96 h	13.4 mg/L (fish) Pimephales promelas
	LC50/72h	4.6 mg/L (algae)
	LC50/96 h	2.6 mg/L (fish) Oncorhynchus mykiss
	EC50/48 h	3.82 mg/L (daphnia)
	Bio concentration factor (28d)	23.99
	NOEC/7 d	960 µg/L (daphnia)

- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· UN-Number	UN1993
· DOT, IMDG, IATA	
· UN proper shipping name	Flammable liquids, n.o.s. (eucalyptus globulus extr., alpha-Pinene)
· DOT	
· IMDG, IATA	FLAMMABLE LIQUID, N.O.S. (eucalyptus globulus extr., alpha-PINENE)

(Contd. on page 13)

US

Page 13/16

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/15/2023

Version 7

Reviewed on 03/15/2023

Product ID#: **HOBBY PREMIUM GOLD LUSTER****GBC7927-H**

(Contd. of page 12)

- **Transport hazard class(es)**

- **DOT**



- **Class**
- **Label**

3 Flammable liquids
3

- **IMDG, IATA**



- **Class**
- **Label**

3 Flammable liquids
3

- **Packing group**
- **DOT, IMDG, IATA**

III

- **Environmental hazards:**

Product contains environmentally hazardous substances: 1,2-dichlorobenzene, eucalyptus globulus extr.

- **Marine pollutant:**

No

- **Special marking (ADR):**

Symbol (fish and tree)

- **Special precautions for user**

Warning: Flammable liquids

- **Hazard identification number (Kemler code):**

30

- **EMS Number:**

F-E, S-E

- **Stowage Category**

A

- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

- **Transport/Additional information:**

- **DOT**

- **Quantity limitations**

On passenger aircraft/rail: 60 L
On cargo aircraft only: 220 L

- **IMDG**

- **Limited quantities (LQ)**

5L

- **Excepted quantities (EQ)**

Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml

- **UN "Model Regulation":**

UN 1993 FLAMMABLE LIQUID, N.O.S. (EUCALYPTUS GLOBULUS EXTR., ALPHA-PINENE), 3, III, ENVIRONMENTALLY HAZARDOUS

(Contd. on page 14)

Page 14/16

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/15/2023

Version 7

Reviewed on 03/15/2023

Product ID#: **HOBBY PREMIUM GOLD LUSTER****GBC7927-H**

(Contd. of page 13)

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara

- **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

- **Section 313 (Specific toxic chemical listings):**

95-50-1 | 1,2-dichlorobenzene

*

- **TSCA (Toxic Substances Control Act):**

84625-32-1 | eucalyptus globulus extr.

*

68365-87-7 | aurio(1+) 2,6,6-trimethylbicyclo[3.1.1]heptanethiolate

ACTIVE

64114-51-8 | 2-Propenoic acid, 2-methyl-, (1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl ester, rel-, homopolymer

ACTIVE

78-70-6

Linalool

ACTIVE

80-56-8

alpha-Pinene

ACTIVE

84961-50-2 | clove, ext.

*

8000-28-0 | lavender oil

ACTIVE

95-50-1 | 1,2-dichlorobenzene

ACTIVE

8000-25-7 | rosemary extr.

*

76-22-2 | 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one

ACTIVE

7704-34-9 | sulphur

ACTIVE

68956-80-9 | Bi resinate

ACTIVE

1330-20-7 | xylene, mixture of isomers

ACTIVE

104-46-1 | Anethole (isomer unspecified)

ACTIVE

3444-17-5 | chromium 2-ethylhexanoate

ACTIVE

64742-48-9 | Naphtha (petroleum), hydrotreated heavy

ACTIVE

78-59-1 | isophorone

ACTIVE

100-41-4 | ethylbenzene

ACTIVE

149-57-5 | 2-ethylhexanoic acid

ACTIVE

- **Hazardous Air Pollutants**

1330-20-7 | xylene, mixture of isomers

78-59-1 | isophorone

100-41-4 | ethylbenzene

- **Proposition 65**

- **Warning: This product contains a chemical known to the State of California to cause cancer**

None of the ingredients is listed.

- **Warning: This product contains a chemical known to the State of California to cause female reproductive hazards.**

None of the ingredients is listed.

- **Warning: This product contains a chemical known to the State of California to cause male reproductive hazards**

None of the ingredients is listed.

(Contd. on page 15)

us

Page 15/16

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/15/2023

Version 7

Reviewed on 03/15/2023

Product ID#: **HOBBY PREMIUM GOLD LUSTER****GBC7927-H**

(Contd. of page 14)

· **Warning: This product contains a chemical known to the State of California to cause development toxicity**

None of the ingredients is listed.

· **Canadian Ingredient disclosure list**

· **Limit 0,1%**

None of the ingredients is listed.

· **Limit 1%**

80-56-8 alpha-Pinene

Turpentine, oil

95-50-1 1,2-dichlorobenzene

· **Carcinogen categories**

· **EPA (Environmental Protection Agency)**

95-50-1 1,2-dichlorobenzene

D

· **TLV (Threshold Limit Value established by ACGIH) notations**

80-56-8 alpha-Pinene

A4

95-50-1 1,2-dichlorobenzene

A4

76-22-2 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one

A4

· **MAK (German Maximum Workplace Concentration)**

78-59-1 isophorone

3B 0.276%

100-41-4 ethylbenzene

3A 0.086%

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **National regulations:**

The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H226 Flammable liquid and vapor.

H227 Combustible liquid.

H228 Flammable solid.

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H311 Toxic in contact with skin.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H320 Causes eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H351 Suspected of causing cancer.

(Contd. on page 16)

-US-

Page 16/16

Safety Data Sheet acc. to OSHA HCS

Printing date 03/15/2023

Version 7

Reviewed on 03/15/2023

Product ID#: **HOBBY PREMIUM GOLD LUSTER****GBC7927-H**

(Contd. of page 15)

H371 May cause damage to organs.

- **Contact:**

S. Carter
EHS Specialist

- **Date of preparation / last revision 03/15/2023**

- **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

BEI: Biological Exposure Limit

Flammable Liquids 3: Flammable liquids – Category 3

Flammable Liquids 4: Flammable liquids – Category 4

Flammable Solids 2: Flammable solids – Category 2

Acute Toxicity - Oral 3: Acute toxicity – Category 3

Acute Toxicity - Oral 4: Acute toxicity – Category 4

Skin Irritation 2: Skin corrosion/irritation – Category 2

Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A

Eye Irritation 2B: Serious eye damage/eye irritation – Category 2B

Sensitization - Skin 1: Skin sensitisation – Category 1

Sensitization - Skin 1B: Skin sensitisation – Category 1B

Carcinogenicity 2: Carcinogenicity – Category 2

Specific Target Organ Toxicity - Single Exposure 2: Specific target organ toxicity (single exposure) – Category 2

Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3

Aspiration Hazard 1: Aspiration hazard – Category 1

- *** Data compared to the previous version altered.**

US