*Printing date 09/11/2019* 

Reviewed on 06/28/2019

### **1** Identification

- · Product identifier
- · Trade name: 773 PEARL GOLD
- · Article number: 773
- · Details of the supplier of the safety data sheet
- Manufacturer/Supplier: General Paint Co. S.A.L. P.O. Box 7623 Beirut LEBANON info@generalpaint.biz
- Information department: Product Safety Department
   Emergency telephone number: 1-800-535-5053 contract number (89244)

#### 2 Hazard(s) identification

Classification of the substance or mixture
GHS02 Flame
Flam. Liq. 3 H226 Flammable liquid and vapor.
GHS08 Health hazard
Carc. 2 H351 Suspected of causing cancer.
STOT RE 2 H373 May cause damage to the hearing organs through prolonged or repeated exposure.
GHS07
STOT SE 3 H336 May cause drowsiness or dizziness.
Label elements
GHS label elements
The product is classified and labeled according to the Globally Harmonized System (GHS).
Hazard pictograms
GHS02 GHS07 GHS08

Page 1/14

(Contd. on page 2)

US

Page 2/14

# Safety Data Sheet acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 06/28/2019

#### Trade name: 773 PEARL GOLD

· Signal word Warning

n-butyl acetate ethylbenzene · Hazard statements

(Contd. of page 1) · Hazard-determining components of labeling: Flammable liquid and vapor. Suspected of causing cancer. May cause drowsiness or dizziness. May cause damage to the hearing organs through prolonged or repeated exposure. · Precautionarv statements Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. Get medical advice/attention if you feel unwell. In case of fire: Use for extinction: CO2, powder or water spray.

Store in a well-ventilated place. Keep container tightly closed.

Store in a well-ventilated place. Keep cool.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

- · Classification system:
- · NFPA ratings (scale 0 4)



Health = 0Fire = 3Reactivity = 0

· HMIS-ratings (scale 0 - 4)



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

(Contd. on page 3)

US

Printing date 09/11/2019

#### Trade name: 773 PEARL GOLD

#### · vPvB: Not applicable.

### 3 Composition/information on ingredients

- · Chemical characterization: Mixtures
- · Description: Mixture of the substances listed below with nonhazardous additions.
- · Dangerous components:

123-86-4	n-butyl acetate	>50- <i>≤</i> 100%
1330-20-7	xylene	>2.5- <i>≤</i> 10%
64742-95-6	Solvent naphtha (petroleum), light arom.	>2.5- <i>≤</i> 10%
100-41-4	ethylbenzene	<i>≤</i> 2.5%

### 4 First-aid measures

· Description of first aid measures

#### · General information:

- Immediately remove any clothing soiled by the product.
- Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- · After skin contact: Immediately rinse with water.
- After eye contact: Rinse opened eye for several minutes under running water.
- 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, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- · For safety reasons unsuitable extinguishing agents: Water with full jet
- · Special hazards arising from the substance or mixture
- During heating or in case of fire poisonous gases are produced.
- · Advice for firefighters
- · Protective equipment: Mouth respiratory protective device.

(Contd. on page 4)

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Page 3/14



(Contd. of page 2)

Reviewed on 06/28/2019

Printing date 09/11/2019

## Trade name: 773 PEARL GOLD

### Reviewed on 06/28/2019

(Contd. of page 3)

Page 4/14

Mount respi Wear protec	ecautions, protective equipment and emergency proceed atory protective device. tive equipment. Keep unprotected persons away.	
	ntal precautions: Do not allow to enter sewers/ surface or g d material for containment and cleaning up:	round Water.
	liquid-binding material (sand, diatomite, acid binders, univers	sal hinders, sawdust)
Dispose con	taminated material as waste according to item 13.	
Ensure adeo	uate ventilation.	
	o other sections	
	7 for information on safe handling. 8 for information on personal protection equipment.	
	13 for disposal information.	
	Action Criteria for Chemicals	
PAC-1:		
123-86-4	n-butyl acetate	5 ppm
1330-20-7	xylene	130 ppn
100-41-4	ethylbenzene	33 ppm
107-98-2	1-methoxy-2-propanol	100 ppn
108-65-6	2-methoxy-1-methylethyl acetate	50 ppm
7664-38-2	phosphoric acid	3 mg/m <sup>3</sup>
70657-70-4	2-methoxypropyl acetate	50 ppm
PAC-2:		
123-86-4	n-butyl acetate	200 ppm
1330-20-7	xylene	920* ppm
100-41-4	ethylbenzene	1100* ppn
107-98-2	1-methoxy-2-propanol	160 ppm
108-65-6	2-methoxy-1-methylethyl acetate	1,000 ppm
7664-38-2	phosphoric acid	30 mg/m <sup>3</sup>
70657-70-4	2-methoxypropyl acetate	1,000 ppm
PAC-3:		·
123-86-4	n-butyl acetate	3000* ppn
1330-20-7	xylene	2500* ppn
100-41-4	ethylbenzene	1800* ppn
107-98-2	1-methoxy-2-propanol	660 ppm
108-65-6	2-methoxy-1-methylethyl acetate	5000* ppn
7664-38-2	phosphoric acid	150 mg/m



Printing date 09/11/2019

## Reviewed on 06/28/2019

### Trade name: 773 PEARL GOLD

#### 70657-70-4 2-methoxypropyl acetate

### 7 Handling and storage

#### · Handling:

- · Precautions for safe handling Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care. Prevent formation of aerosols.
- · Information about protection against explosions and fires: Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Keep respiratory protective device available.
- · 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.
- · Storage class: 3
- · Specific end use(s) No further relevant information available.

## 8 Exposure controls/personal protection

· Additional information about design of technical systems: No further data; see item 7. · 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 remaining constituent has no known exposure limits. 123-86-4 n-butyl acetate PEL Long-term value: 710 mg/m<sup>3</sup>, 150 ppm REL Short-term value: 950 mg/m<sup>3</sup>, 200 ppm Long-term value: 710 mg/m<sup>3</sup>, 150 ppm TLV Short-term value: 712 mg/m<sup>3</sup>. 150 ppm Long-term value: 238 mg/m<sup>3</sup>, 50 ppm 1330-20-7 xylene PEL Long-term value: 435 mg/m<sup>3</sup>, 100 ppm REL Short-term value: 655 mg/m<sup>3</sup>, 150 ppm Long-term value: 435 mg/m<sup>3</sup>, 100 ppm TLV Short-term value: 651 mg/m<sup>3</sup>, 150 ppm Long-term value: 434 mg/m<sup>3</sup>, 100 ppm BEI

> (Contd. on page 6) US

Page 5/14

(Contd. of page 4)

5,000 ppm



Printing date 09/11/2019

CENERAL

Reviewed on 06/28/2019

## Trade name: 773 PEARL GOLD

	(Contd. of page 5)
100-4	41-4 ethylbenzene
PEL	Long-term value: 435 mg/m³, 100 ppm
REL	Short-term value: 545 mg/m³, 125 ppm
	Long-term value: 435 mg/m³, 100 ppm
TLV	Long-term value: 87 mg/m³, 20 ppm
	BEI
Ingre	edients with biological limit values:
1330	-20-7 xylene
	1.5 g/g creatinine
	Medium: urine
	Time: end of shift
	Parameter: Methylhippuric acids
	41-4 ethylbenzene
	0.7 g/g creatinine Medium: urine
	Time: end of shift at end of workweek
	Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative)
	Medium: end-exhaled air Time: not critical Parameter: Ethyl benzene (semi-quantitative)
Addi	itional information: The lists that were valid during the creation were used as basis.
Expo	osure controls
	onal protective equipment:
	eral protective and hygienic measures:
	away from foodstuffs, beverages and feed.
	ediately remove all soiled and contaminated clothing. h hands before breaks and at the end of work.
	e protective clothing separately.
	thing equipment:
	nse of brief exposure or low pollution use respiratory filter device. In case of intensive or longe
	sure use respiratory protective device that is independent of circulating air.
Prote	ection of hands:
T	
1415	Protective gloves
The d	- glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
	to missing tests no recommendation to the glove material can be given for the product/ the
	aration/ the chemical mixture.
Solo	ction of the glove material on consideration of the penetration times, rates of diffusion and the

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

(Contd. on page 7)

*Printing date 09/11/2019* 

Reviewed on 06/28/2019

### Trade name: 773 PEARL GOLD

#### · Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection:



Tightly sealed goggles

Information on basic physical and o	chemical properties
- General Information - Appearance:	
Form:	Liquid
Color:	Gold colored
Odor:	Characteristic
· Odor threshold:	Not determined.
· pH-value:	Not determined.
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	124 °C (255.2 °F)
· Flash point:	27 °C (80.6 °F)
· Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	370 °C (698 °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:	1.2 Vol %
Upper:	7.5 Vol %
· Vapor pressure at 20 °C (68 °F):	10.7 hPa (8 mm Hg)



Page 7/14

(Contd. of page 6)

Printing date 09/11/2019

Reviewed on 06/28/2019

#### Trade name: 773 PEARL GOLD

	(Contd.)	of page
· Density at 20 °C (68 °F):	0.965 g/cm³ (8.05293 lbs/gal)	
· 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:	72.4 %	
Coating VOC content:	72.39 %	
-	698.5 g/l / 5.83 lb/gal	
Material VOC content:	698.5 g/l / 5.83 lb/gal	
Solids content:	27.6 %	
· Other information	No further relevant information available.	

# 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:					
1330-20-	7 xylene				
Oral	LD50	4,300 mg/kg (rat)			
Dermal	LD50	2,000 mg/kg (rabbit)			
		(Contd. on page 9)			



119

Page 8/14

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Page 9/14

# Safety Data Sheet acc. to OSHA HCS

*Printing date 09/11/2019* 

## Reviewed on 06/28/2019

### Trade name: 773 PEARL GOLD

Oral	LD50	>6,800 mg/kg (rat)	
Dermal	LD50	>3,400 mg/kg (rab)	
Inhalative	LC50/4 h	>10.2 mg/l (rat)	
• <b>Additiona</b> The produce preparation	t <b>ion:</b> No se I <b>toxicolo</b> Ict shows ns:	ensitizing effects known. <b>gical information:</b> the following dangers according to internally approved calculation methods	s f
· Carcinog		Jones Agency for Research on Cancer)	
			3
1330-20-7			
1330-20-7	ethylbenz	zene	28
1330-20-7 100-41-4	ethylbenz	zene cology Program)	28
1330-20-7 100-41-4 • <b>NTP (Nat</b> i	ethylbenz		21
1330-20-7 100-41-4 • <b>NTP (Nati</b> None of th	ethylbenz onal Toxic e ingredie	cology Program)	28

12 Ecological information

· Toxicity

- · Aquatic toxicity: No further relevant information available.
- 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.

(Contd. on page 10)

CENERAL

Printing date 09/11/2019

Reviewed on 06/28/2019

### Trade name: 773 PEARL GOLD

(Contd. of page 9)

Page 10/14

# 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.

· UN-Number		
DOT, ADR, IMDG, IATA	UN1263	
UN proper shipping name		
DOT	Paint	
ADR	1263 PAINT	
IMDG, IATA	PAINT	
Transport hazard class(es)		
DOT		
RAMINT FLOR		
Class	3 Flammable liquids	
Label	3	
ADR, IMDG, IATA		
· Class	3 Flammable liquids	
Label	3	
Packing group		
DOT, ADR, IMDG, IATA	<i>III</i>	
Environmental hazards:		
Marine pollutant:	No	
Special precautions for user EMS Number:	Warning: Flammable liquids F-E,S-E	



Printing date 09/11/2019

Reviewed on 06/28/2019

Trade name: 773 PEARL GOLD

	(Contd. of page 10
· Stowage Category	A
<ul> <li>Transport in bulk according to Annex MARPOL73/78 and the IBC Code</li> </ul>	T <b>II of</b> Not applicable.
· Transport/Additional information:	
• DOT • Quantity limitations	On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L
<ul> <li>ADR</li> <li>Excepted quantities (EQ)</li> </ul>	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
<ul> <li>IMDG</li> <li>Limited quantities (LQ)</li> <li>Excepted quantities (EQ)</li> </ul>	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· UN "Model Regulation":	UN 1263 PAINT, 3, III

# 15 Regulatory information

 $\cdot$  Safety, health and environmental regulations/legislation specific for the substance or mixture  $\cdot$  Sara

None of the	e ingredients is listed.		
Section 31	3 (Specific toxic chemical listings):		
1330-20-7	xylene		
100-41-4	41-4 ethylbenzene		
7664-38-2	phosphoric acid		
TSCA (Tox	kic Substances Control Act):		
123-86-4	n-butyl acetate	ACTIV	
1330-20-7	xylene	ACTIV	
100-41-4	ethylbenzene	ACTIV	
107-98-2	1-methoxy-2-propanol	ACT/V	
108-65-6	2-methoxy-1-methylethyl acetate	ACTIV	
7664-38-2	phosphoric acid	ACTIV	
Hazardous	s Air Pollutants		
1330-20-7	xylene		



Page 11/14

Page 12/14

(Contd. of page 11)

1

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# Safety Data Sheet acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 06/28/2019

#### Trade name: 773 PEARL GOLD

#### 100-41-4 ethylbenzene

- · Proposition 65
- · Chemicals known to cause cancer:
- 100-41-4 ethylbenzene
- · Chemicals known to cause reproductive toxicity for females:
- None of the ingredients is listed.
- · Chemicals known to cause reproductive toxicity for males:
- None of the ingredients is listed.
- · Chemicals known to cause developmental toxicity:
- None of the ingredients is listed.

#### · Carcinogenic categories

- · EPA (Environmental Protection Agency)
- 1330-20-7 xylene
  - 100-41-4 ethylbenzene

## · TLV (Threshold Limit Value established by ACGIH)

- 1330-20-7 xylene
- 100-41-4 ethylbenzene
- · NIOSH-Ca (National Institute for Occupational Safety and Health)
- None of the ingredients is listed.

#### · GHS label elements

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



#### · Signal word Warning

Hazard-determining components of labeling: n-butyl acetate ethylbenzene
Hazard statements Flammable liquid and vapor. Suspected of causing cancer. May cause drowsiness or dizziness. May cause damage to the hearing organs through prolonged or repeated exposure.
Precautionary statements Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

(Contd. on page 13)

Page 13/14

# Safety Data Sheet acc. to OSHA HCS

*Printing date 09/11/2019* 

#### Reviewed on 06/28/2019

### Trade name: 773 PEARL GOLD

(Contd. of page 12)	)
Keep away from heat/sparks/open flames/hot surfaces No smoking.	
Ground/bond container and receiving equipment.	
Jse explosion-proof electrical/ventilating/lighting/equipment.	
Use only non-sparking tools.	
Take precautionary measures against static discharge.	
Do not breathe dust/fume/gas/mist/vapors/spray.	
Use only outdoors or in a well-ventilated area.	
Near protective gloves/protective clothing/eye protection/face protection.	
f on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.	
F INHALED: Remove person to fresh air and keep comfortable for breathing.	
F exposed or concerned: Get medical advice/attention.	
Call a poison center/doctor if you feel unwell.	
Get medical advice/attention if you feel unwell.	
n case of fire: Use for extinction: CO2, powder or water spray.	
Store in a well-ventilated place. Keep container tightly closed.	
Store in a well-ventilated place. Keep cool.	
Store locked up.	
Dispose of contents/container in accordance with local/regional/national/international regulations.	
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.

· Department issuing SDS: Product safety department

- · Contact: N/A
- · Date of preparation / last revision 09/11/2019 / -

· 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 européen sur le transport 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 ACGIH: American Conference of Governmental Industrial Hygienists 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

(Contd. on page 14)

<sup>-</sup> US

Printing date 09/11/2019

Reviewed on 06/28/2019

Trade name: 773 PEARL GOLD

REL: Recommended Exposure Limit BEI: Biological Exposure Limit Flam. Liq. 3: Flammable liquids – Category 3 Carc. 2: Carcinogenicity – Category 2 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2



(Contd. of page 13)

US

Page 14/14