Printing date 09/11/2019

Reviewed on 06/28/2019

1 Identification

- · Product identifier
- · Trade name: 717C GREENISH BLUE
- · Article number: 717C
- · 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 H351 Suspected of causing cancer. Carc. 2 STOT RE2 H373 May cause damage to the hearing organs through prolonged or repeated exposure. GHS07 Skin Irrit. 2 H315 Causes skin irritation. Eye Irrit. 2A H319 Causes serious eye irritation. 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). (Contd. on page 2) US



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(Contd. of page 1) · Hazard pictograms GHS02 GHS07 GHS08 · Signal word Warning Hazard-determining components of labeling: methyl acetate ethylbenzene · Hazard statements Flammable liquid and vapor. Causes skin irritation. Causes serious eye irritation. 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. 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. Wash thoroughly after handling. 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 in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. Specific treatment (see on this label). Get medical advice/attention if you feel unwell. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. 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. (Contd. on page 3)





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Classification system:
 NFPA ratings (scale 0 - 4)

 $\begin{array}{c} \textbf{Health} = 2\\ \textbf{Fire} = 3\\ \textbf{Reactivity} = 0 \end{array}$

· HMIS-ratings (scale 0 - 4)



· Other hazards

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

3 Composition/information on ingredients

· Chemical characterization: Mixtures

· Description: Mixture of the substances listed below with nonhazardous additions.

· Dangerous components:		
79-20-9	methyl acetate	>25- <i>≤</i> 50%
98-56-6	4-chloro-alpha,alpha,alpha-trifluorotoluene	>25- <i>≤</i> 50%
1330-20-7	xylene	>10- <i>≤</i> 25%
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: In case of unconsciousness place patient stably in side position for transportation.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · 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.

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• 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.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures
 Mount respiratory protective device.
 Wear protective argument. Keen upprotected persons equip
- Wear protective equipment. Keep unprotected persons away.
- Environmental precautions: 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.
- 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.
 Protective Action Origination for Operations

Protective Action Criteria for Chemicals

· PAC-1:		
79-20-9	methyl acetate	250 ppm
1330-20-7	xylene	130 ppm
100-41-4	ethylbenzene	33 ppm
107-98-2	1-methoxy-2-propanol	100 ppm
108-65-6	2-methoxy-1-methylethyl acetate	50 ppm
· PAC-2:		
79-20-9	methyl acetate	1,700 ppm
1330-20-7	xylene	920* ppm
100-41-4	ethylbenzene	1100* ppm
107-98-2	1-methoxy-2-propanol	160 ppm
108-65-6	2-methoxy-1-methylethyl acetate	1,000 ppm
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· PAC-3:		
79-20-9	methyl acetate	10000* ppm
1330-20-7	xylene	2500* ppm
100-41-4	ethylbenzene	1800* ppm
107-98-2	1-methoxy-2-propanol	660 ppm
108-65-6	2-methoxy-1-methylethyl acetate	5000* ppm

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.

79-2	0-9 methyl acetate
PEL	Long-term value: 610 mg/m³, 200 ppm
REL	Short-term value: 760 mg/m³, 250 ppm Long-term value: 610 mg/m³, 200 ppm
TLV	Short-term value: 757 mg/m³, 250 ppm Long-term value: 606 mg/m³, 200 ppm
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PEL Lo REL S Lo	20-7 xylene
REL S	.ong-term value: 435 mg/m ³ , 100 ppm
Le	Short-term value: 655 mg/m ³ , 150 ppm
	ong-term value: 435 mg/m ³ , 100 ppm
	Short-term value: 651 mg/m ³ , 150 ppm
Le	ong-term value: 434 mg/m³, 100 ppm BEI
100-41	-4 ethylbenzene
PEL L	ong-term value: 435 mg/m³, 100 ppm
	Short-term value: 545 mg/m³, 125 ppm ong-term value: 435 mg/m³, 100 ppm
	ong-term value: 87 mg/m³, 20 ppm BEI
Ingred	lients with biological limit values:
1330-2	20-7 xylene
Me	5 g/g creatinine ledium: urine ime: end of shift
	arameter: Methylhippuric acids
	-4 ethylbenzene
	7 g/g creatinine
	ledium: urine
	ime: end of shift at end of workweek arameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative)
	edium: end-exhaled air
	me: not critical
Pa	arameter: Ethyl benzene (semi-quantitative) onal information: The lists that were valid during the creation were used as basis.

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· Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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

· 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 General Information	enemical properties	
Appearance:		
Form:	Liquid	
Color:	greenish-blue	
Odor:	Characteristic	
Odor threshold:	Not determined.	
pH-value:	Not determined.	
Change in condition		
Melting point/Melting range:	Undetermined.	
Boiling point/Boiling range:	57 °C (134.6 °F)	
Flash point:	27 °C (80.6 °F)	
Flammability (solid, gaseous):	Not applicable.	
Ignition temperature:	455 °C (851 °F)	

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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:	1.1 Vol %
Upper:	16 Vol %
Vapor pressure at 20 °C (68 °F):	220 hPa (165 mm Hg)
Density at 20 °C (68 °F):	1.08 g/cm³ (9.0126 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/wat	er): Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Solvent content:	
Organic solvents:	74.4 %
Coating VOC content:	16.02 %
-	417.6 g/l / 3.49 lb/gal
Material VOC content:	173.0 g/l / 1.44 lb/gal
Solids content:	25.5 %
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.

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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)

- · Primary irritant effect:
- on the skin: Irritant to skin and mucous membranes.
- · on the eye: Irritating effect.
- · Sensitization: No sensitizing effects known.
- Additional toxicological information:
 The product shows the following dangers according to interr

The product shows the following dangers according to internally approved calculation methods for preparations: Irritant

· Carcinogenic categories

· IARC (Inte	ernational Agency for Research on Cancer)	
1330-20-7	xylene	3
100-41-4	ethylbenzene	2B
· NTP (Nati	onal Toxicology Program)	
None of th	e ingredients is listed.	
· OSHA-Ca	(Occupational Safety & Health Administration)	
None of th	e ingredients is listed.	

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.

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· 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.

4 Transport information

· UN-Number	
· DOT, ADR, IMDG, IATA	UN1263
· UN proper shipping name	
	Paint
· ADR · IMDG, IATA	1263 PAINT, ENVIRONMENTALLY HAZARDOUS PAINT
Transport hazard class(es)	
·DOT	
n and F data	
· Class	3 Flammable liquids
· Label	3
· ADR, IMDG, IATA	
· Class	3 Flammable liquids
· Label	3
· Packing group	
· DOT, ADR, IMDG, IATA	III
Environmental hazards:	
• Marine pollutant:	No
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 Special precautions for user EMS Number: Stowage Category 	Warning: Flammable liquids F-E, <u>S-E</u> A
• Transport in bulk according to Annex MARPOL73/78 and the IBC Code	II of Not applicable.
· Transport/Additional information:	
· DOT · Quantity limitations	On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L
 ADR Excepted quantities (EQ) 	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
 IMDG Limited quantities (LQ) Excepted quantities (EQ) 	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, ENVIRONMENTALLY HAZARDOUS

15 Regulatory information

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

	55 (extremely hazardous substances):	
None of th	ne ingredients is listed.	
· Section 3	13 (Specific toxic chemical listings):	
1330-20-7	7 xylene	
100-41-4	ethylbenzene	
· TSCA (To	oxic Substances Control Act):	
79-20-9	methyl acetate	ACTIVE
98-56-6	4-chloro-alpha,alpha,alpha-trifluorotoluene	ACTIVE
9004-36-8	cellulose acetate butyrate	ACTIVE
1330-20-7	7 xylene	ACTIVE
100-41-4	t ethylbenzene	ACTIVE
107-98-2	2 1-methoxy-2-propanol	ACTIVE
	•	(Contd. on page 1



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108-65-6	2-methoxy-1-methylethyl acetate	ACTIVE
Hazardous	s Air Pollutants	
1330-20-7	xylene	
100-41-4	ethylbenzene	
Propositio		
Chemicals	known to cause cancer:	
100-41-4	ethylbenzene	
Chemicals	known to cause reproductive toxicity for females:	
None of the	e ingredients is listed.	
Chemicals	known to cause reproductive toxicity for males:	
None of the	e ingredients is listed.	
Chemicals	known to cause developmental toxicity:	
None of the	e ingredients is listed.	
Carcinoge	nic categories	
EPA (Envi	ronmental Protection Agency)	
1330-20-7	xylene	1
100-41-4	ethylbenzene	D
TLV (Thre	shold Limit Value established by ACGIH)	
1330-20-7	xylene	A4
100-41-4	ethylbenzene	A3
NIOSH-Ca	(National Institute for Occupational Safety and Health)	· · ·
None of the	e ingredients is listed.	
GHS label		
The produce Hazard pice	t is classified and labeled according to the Globally Harmonized System (GHS	<i>S).</i>



- · Signal word Warning
- Hazard-determining components of labeling: methyl acetate ethylbenzene
- Hazard statements Flammable liquid and vapor. Causes skin irritation. Causes serious eye irritation. Suspected of causing cancer.

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(Contd. of page 12) 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. 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. Wash thoroughly after handling. 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 in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. Specific treatment (see on this label). Get medical advice/attention if you feel unwell. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. 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. · 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 Transport Association

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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 REL: Recommended Exposure Limit BEI: Biological Exposure Limit Flam. Liq. 3: Flammable liquids – Category 3 Skin Irrit. 2: Skin corrosion/irritation – Category 2	(Contd. of page 13)
BEI: Biological Exposure Limit	115



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