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#### **1** Identification

- · Product identifier
- · Trade name: 877 XIRALLIC GREEN
- · Article number: 877
- · 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

GHS02 GHS07 GHS08

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

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· 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. · 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) HEALTH 0 Health = 0FIRE 3 Fire = 3Reactivity = 0REACTIVITY 0 · Other hazards · Results of PBT and vPvB assessment · PBT: Not applicable. (Contd. on page 3)



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#### · vPvB: Not applicable.

#### 3 Composition/information on ingredients

#### · Chemical characterization: Mixtures

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

· Dangerous components:				
	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%		
108-65-6	2-methoxy-1-methylethyl acetate	>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.

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· 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 equipment Keep upprotected persons away
- 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 Criteria for Chemicals

PAC-1:	n hutul energiete	<b>C</b>
	n-butyl acetate	5 ppm
1330-20-7		130 pp
108-65-6	2-methoxy-1-methylethyl acetate	50 ppn
100-41-4	ethylbenzene	33 ppr
107-98-2	1-methoxy-2-propanol	100 pp
7664-38-2	phosphoric acid	3 mg/m
70657-70-4 2-methoxypropyl acetate		50 ppr
PAC-2:		
123-86-4	n-butyl acetate	200 ppm
1330-20-7	xylene	920* ppn
108-65-6	2-methoxy-1-methylethyl acetate	1,000 pp
100-41-4	ethylbenzene	1100* pp
107-98-2	1-methoxy-2-propanol	160 ppm
7664-38-2	phosphoric acid	30 mg/m <sup>2</sup>
70657-70-4	2-methoxypropyl acetate	1,000 ppi
PAC-3:		
123-86-4	n-butyl acetate	3000* pp
1330-20-7	xylene	2500* pp
108-65-6	2-methoxy-1-methylethyl acetate	5000* pp
100-41-4	ethylbenzene	1800* pp
107-08-2	1-methoxy-2-propanol	660 ppm



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#### Trade name: 877 XIRALLIC GREEN

#### 7664-38-2 phosphoric acid

#### 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	5-4 n-butyl acetate
PEL	Long-term value: 710 mg/m <sup>3</sup> , 150 ppm
REL	Short-term value: 950 mg/m³, 200 ppm Long-term value: 710 mg/m³, 150 ppm
TLV	Short-term value: 712 mg/m³, 150 ppm Long-term value: 238 mg/m³, 50 ppm
1330-2	20-7 xylene
PEL	Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
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 $150 \text{ mg/m}^3$ 

5,000 ppm



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	(Contd. of page
REL	
	Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
TLV	
	Long-term value: 434 mg/m³, 100 ppm
400	BEI
	-65-6 2-methoxy-1-methylethyl acetate
	EL Long-term value: 50 ppm
	-41-4 ethylbenzene
PEL	
REL	0 / 11
	Long-term value: 435 mg/m³, 100 ppm
TLV	0 / 11
	BEI
-	edients with biological limit values:
	0-20-7 xylene
BEI	1.5 g/g creatinine
	Medium: urine
	Time: end of shift
	Parameter: Methylhippuric acids
	41-4 ethylbenzene
BEI	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)
· Add	itional information: The lists that were valid during the creation were used as basis.
	osure controls
	sonal protective equipment:
	eral protective and hygienic measures:
	p away from foodstuffs, beverages and feed.
	ediately remove all soiled and contaminated clothing.
Imm	
	h hands before breaks and at the end of work.
Was	h hands before breaks and at the end of work. e protective clothing separately.
Was Store	
Was Store • <b>Brea</b> In ca	e protective clothing separately.



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#### Trade name: 877 XIRALLIC GREEN

· 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	chemical properties	
Appearance:		
Form:	Liquid	
Color:	Green	
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)	

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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:	1.2 Vol %
Upper:	7.5 Vol %
· Vapor pressure at 20 °C (68 °F):	10.7 hPa (8 mm Hg)
· Density at 20 °C (68 °F):	0.962 g/cm³ (8.02789 lbs/gal)
· Relative density	Not determined.
· Vapor density	Not determined.
· Evaporation rate	Not determined.
<ul> <li>Solubility in / Miscibility with Water:</li> </ul>	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:	74.3 %
Coating VOC content:	74.27 %
-	714.5 g/l / 5.96 lb/gal
Material VOC content:	714.5 g/l / 5.96 lb/gal
Solids content:	25.7 %
· 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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1330-20-7 xyl	loo mat	are relevant for classification:	
1330-20-1 801	lene		
Oral LD50 4,300 mg/kg (rat)			
Dermal LD:	50 2	2,000 mg/kg (rabbit)	
64742-95-6 Se	olvent n	haphtha (petroleum), light arom.	
Oral LD:	50 >	>6,800 mg/kg (rat)	
Dermal LD:	50 >	>3,400 mg/kg (rab)	
Inhalative LC	50/4 h >	>10.2 mg/l (rat)	
preparations:		he following dangers according to internally approved calculation methods	
Carcinogenic	-	Agency for Research on Cancer)	
•			
1330-20-7 xvl	1330-20-7 xylene 3 100-41-4 ethylbenzene 2		
1330-20-7 xyl 100-41-4 eth	hvlbenze	ne	
100-41-4 eth		ene Diogy Program)	

### 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.

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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.

UN-Number		
DOT, ADR, IMDG, IATA	UN1263	
UN proper shipping name		
DOT	Paint	
ADR	1263 PAINT	
IMDG, IATA	PAINT	
Transport hazard class(es)		
DOT		
Class	2 Flormable liquide	
Label	3 Flammable liquids 3	
	J	
ADR, IMDG, IATA		
Class	3 Flammable liquids	
Label	3	



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	(Contd. of page 1)
· Packing group · DOT · ADR, IMDG, IATA	 
<ul> <li>Environmental hazards:</li> <li>Marine pollutant:</li> </ul>	No
<ul> <li>Special precautions for user</li> <li>EMS Number:</li> <li>Stowage Category</li> </ul>	Warning: Flammable liquids F-E,S-E A
<ul> <li>Transport in bulk according to Annex MARPOL73/78 and the IBC Code</li> </ul>	I <b>I of</b> Not applicable.
· Transport/Additional information:	
· DOT · Quantity limitations	On passenger aircraft/rail: 5 L On cargo aircraft only: 60 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

· Section 355 (extremely hazardous substances):

None of the ingredients is listed.

· Section 313 (Specific toxic chemical listings):

1330-20-7 xylene

100-41-4 ethylbenzene

7664-38-2 phosphoric acid

· TSCA (Toxic Substances Control Act):

123-86-4 n-butyl acetate

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ACTIVE

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### Trade name: 877 XIRALLIC GREEN

1330-20-7	<sup>7</sup> xvlene	(Contd. of page 1
	2-methoxy-1-methylethyl acetate	ACTIVE
	t ethylbenzene	ACTIVE
	? 1-methoxy-2-propanol	ACTIVE
	phosphoric acid	ACTIVE
Hazardou	Is Air Pollutants	
1330-20-7	xylene	
100-41-4	t ethylbenzene	
Propositi	on 65	
Chemical	s known to cause cancer:	
100-41-4	ethylbenzene	
Chemical	s known to cause reproductive toxicity for females:	
None of th	ne ingredients is listed.	
Chemical	s known to cause reproductive toxicity for males:	
None of th	ne ingredients is listed.	
Chemical	s known to cause developmental toxicity:	
None of th	ne ingredients is listed.	
Carcinog	enic categories	
EPA (Env	rironmental Protection Agency)	
1330-20-7	' xylene	
100-41-4	t ethylbenzene	Ĺ
TLV (Thre	eshold Limit Value established by ACGIH)	
1330-20-7	' xylene	A
100-41-4	t ethylbenzene	A
NIOSH-Ca	a (National Institute for Occupational Safety and Healt	th)
	ne ingredients is listed.	

Hazard pictograms



· Signal word Warning

 Hazard-determining components of labeling: n-butyl acetate ethylbenzene

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(Contd. of page 12) · 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. 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. · 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
   ACGIH: American Conference of Governmental Industrial Hygienists
   EINECS: European List of Notified 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)

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#### Trade name: 877 XIRALLIC GREEN

(Contd. of page 13) 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 Carc. 2: Carcinogenicity – Category 2 STOT SE 3: Specific target organ toxicity (single exposure) – Category 2 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

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