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Safety Data Sheet

acc. to OSHA HCS

Printing date 05/06/2019

Reviewed on 05/06/2019

1 Identification

- · Product identifier
- · Trade name: <u>B330 MEDIUM YELLOW</u>
- · Article number: B330
- · Details of the supplier of the safety data sheet
- Manufacturer/Supplier: General Paint Co. SAL P.O. Box 7623

Beirut LEBANON info@hymax.biz

- · Information department: Product Safety Department
- Emergency telephone number: During normal opening times:1-800-535-5053

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.

Skin Irrit. 2 H315 Causes skin irritation. STOT SE 3 H336 May cause drowsiness or dizziness.

· Label elements

· GHS label elements

GHS07

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



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· Signal word Warning	je 1)
 Hazard-determining components of labeling: n-butyl acetate Hazard statements Flammable liquid and vapor. Causes skin irritation. Suspected of causing cancer. May cause drowsiness or dizziness. Precautionary statements Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heal/sparks/open flames/hot surfaces No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing 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 lexposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. In case of fire: Use for extinction: CO2, powder or water spray. Store in a well-ventilated place. Keep cool. Store in a well-ventilated place. Keep cool.<	
Health = 1 Fire = 3 Reactivity = 0	
· HMIS-ratings (scale 0 - 4)	
HEALTH1Health = 1FIRE3Fire = 3REACTIVITY0	
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· 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:

•	•	
123-86-4	n-butyl acetate	>25- <i>≤</i> 50%
1330-20-7	xylene	>10- <i>≤</i> 25%
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.
- 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.
- 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 No further relevant information available.

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· Advice for firefighters

· Protective equipment: No special measures required.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures
 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-butyl acetate	5 ppm
1330-20-7	xylene	130 ppr
100-41-4	ethylbenzene	33 ppm
111-76-2	2-butoxyethanol	60 ppm
108-65-6	2-methoxy-1-methylethyl acetate	50 ppm
107-98-2	1-methoxy-2-propanol	100 ppr
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* ppr
111-76-2	2-butoxyethanol	120 ppm
108-65-6	2-methoxy-1-methylethyl acetate	1,000 ppn
107-98-2	1-methoxy-2-propanol	160 ppm
70657-70-4	2-methoxypropyl acetate	1,000 ppn
PAC-3:		
123-86-4	n-butyl acetate	3000* ppr
1330-20-7	xylene	2500* ppr
100-41-4	ethylbenzene	1800* ppr
	2-butoxyethanol	700 ppm



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		(Contd. of page 4)
108-65-6	2-methoxy-1-methylethyl acetate	5000* ppm
107-98-2	1-methoxy-2-propanol	660 ppm
70657-70-4	2-methoxypropyl acetate	5,000 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.

123-8	86-4 n-butyl acetate
PEL	Long-term value: 710 mg/m³, 150 ppm
	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
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1330	-20-7 xylene (Contd. of pa
	Long-term value: 435 mg/m³, 100 ppm
	Short-term value: 655 mg/m³, 150 ppm Long-term value: 435 mg/m³, 100 ppm
TLV	Short-term value: 651 mg/m³, 150 ppm Long-term value: 434 mg/m³, 100 ppm BEI
100-	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
100-	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)
Expo Pers Gene Keep Imme Was Store Avoid	tional information: The lists that were valid during the creation were used as basis. osure controls onal protective equipment: eral protective and hygienic measures: a way from foodstuffs, beverages and feed. ediately remove all soiled and contaminated clothing. h hands before breaks and at the end of work. a protective clothing separately. d contact with the skin. d contact with the skin.
Avoid	d contact with the eyes and skin. (Contd. on pa



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· Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

· 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

9 Physical and chemical properties

- · Information on basic physical and chemical properties
- · General Information

· Appearance:		
Form:	Liquid	
Color:	Yellow	
· 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)	
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· 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: Upper:	1.1 Vol % 7.5 Vol %
· Vapor pressure at 20 °C (68 °F):	10.7 hPa (8 mm Hg)
 Density at 20 °C (68 °F): Relative density Vapor density Evaporation rate 	0.95 g/cm³ (7.92775 lbs/gal) Not determined. Not determined. Not determined.
 Solubility in / Miscibility with Water: 	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/wat	er): Not determined.
· Viscosity: Dynamic: Kinematic:	Not determined. Not determined.
 Solvent content: Organic solvents: Coating VOC content: Material VOC content: 	71.6 % 71.60 % 680.2 g/l / 5.68 lb/gal 680.2 g/l / 5.68 lb/gal
Solids content: • Other information	28.4 % 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.

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- · 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)

64742-95-6 Solvent naphtha (petroleum), light arom.

Oral LD50 >6,800 mg/kg (rat) LD50 Dermal >3,400 mg/kg (rab)

Inhalative LC50/4 h >10.2 mg/l (rat)

· Primary irritant effect:

- on the skin: Irritant to skin and mucous membranes.
- · on the eye: No irritating effect.
- · Sensitization: No sensitizing effects known.
- · Additional toxicological information:

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

Irritant

· Carcinogenic categories

· IARC (Inte	rnational Agency for Research on Cancer)	
1330-20-7	xylene	3
100-41-4	ethylbenzene	2B
111-76-2	2-butoxyethanol	3
· NTP (Natio	onal Toxicology Program)	
None of the	e ingredients is listed.	
· OSHA-Ca	(Occupational Safety & Health Administration)	
None of the	e ingredients is listed.	
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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.

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	





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Transport hazard class(es)		
DOT		
T AMAN F IOIN		
Class	3 Flammable liquids	
Label	3	
ADR		
2		
· Class	3 Flammable liquids	
· IMDG, IATA		
A		
· Class	3 Flammable liquids	
· Label	3	
· Packing group · DOT, ADR, IMDG, IATA	<i>III</i>	
· Environmental hazards:	111	
· Marine pollutant:	No	
· Special precautions for user	Warning: Flammable liquids	
EMS Number:	F-E, <u>S-Ë</u>	
Stowage Category	A	
• Transport in bulk according to Annex MARPOL73/78 and the IBC Code	<i>II of</i> Not applicable.	
· Transport/Additional information:		
· DOT		
Quantity limitations	On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L	

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 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)
 Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 30 ml
 UN "Model Regulation":

15 Regulatory information

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

	5 (extremely hazardous substances):	
	3 (Specific toxic chemical listings):	
1330-20-7	•	
100-41-4	ethylbenzene	
111-76-2	2-butoxyethanol	
· TSCA (To)	cic Substances Control Act):	
123-86-4	n-butyl acetate	ACTIVE
1330-20-7	xylene	ACTIVE
100-41-4	ethylbenzene	ACTIVE
111-76-2	2-butoxyethanol	ACTIVE
108-65-6	2-methoxy-1-methylethyl acetate	ACTIVE
107-98-2	1-methoxy-2-propanol	ACTIVE
·Hazardous	s Air Pollutants	
1330-20-7	xylene	
100-41-4	ethylbenzene	
· Propositio	n 65	
· Chemicals	known to cause cancer:	
100-41-4 e	ethylbenzene	
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	(Conta: of page 12)
 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	1

1000 20 1	Aylono -	·
100-41-4	ethylbenzene	D
111-76-2	2-butoxyethanol	NL
· TLV (Threshold Limit Value established by ACGIH)		

1330-20-7	xylene	A4
100-41-4	ethylbenzene	A3
111-76-2	2-butoxyethanol	A3
· 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).





- · Signal word Warning
- Hazard-determining components of labeling: n-butyl acetate
- Hazard statements
 Flammable liquid and vapor.
 Causes skin irritation.
 Suspected of causing cancer.
- May cause drowsiness or dizziness.
- 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.

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(Contd. of page 13) Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing 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 exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. If skin irritation occurs: 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 inform<u>ation</u>

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 05/06/2019 / -
- Abbreviations and acronvms:

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 (Contd. on page 15)

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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 Carc. 2: Carcinogenicity – Category 2 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3



