*Printing date 09/11/2019* 

Reviewed on 06/28/2019

#### **1** Identification

- · Product identifier
- · Trade name: 633 MEDIUM YELLOW
- · Article number: 633
- · 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.

GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction. 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



- · Signal word Warning
- Hazard-determining components of labeling: n-butyl acetate methyl methacrylate 2,3-epoxypropyl neodecanoate

(Contd. on page 2)

US -



*Printing date 09/11/2019* 

Reviewed on 06/28/2019

#### Trade name: 633 MEDIUM YELLOW

(Contd. of page 1) · Hazard statements Flammable liquid and vapor. May cause an allergic skin reaction. May cause drowsiness or dizziness. · Precautionary statements 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. Avoid breathing dust/fume/gas/mist/vapors/spray Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. 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. Call a poison center/doctor if you feel unwell. Specific treatment (see on this label). If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. 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 = 03 FIRE Fire = 3REACTIVITY 0 Reactivity = 0· Other hazards · Results of PBT and vPvB assessment · PBT: Not applicable. · vPvB: Not applicable.



Page 2/15



(Contd. on page 3)

*Printing date 09/11/2019* 

Reviewed on 06/28/2019

#### Trade name: 633 MEDIUM YELLOW

(Contd. of page 2)

Page 3/15

#### 3 Composition/information on ingredients

· Chemical characterization: Mixtures

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

#### · Dangerous components:

Dungereue		
	n-butyl acetate	>25- <i>≤</i> 50%
1330-20-7		>2.5- <i>≤</i> 10%
110-43-0	2-Heptanone	>2.5- <i>≤</i> 10%
64742-95-6	Solvent naphtha (petroleum), light arom.	<i>≤</i> 2.5%
80-62-6	methyl methacrylate	<i>≤</i> 2.5%
26761-45-5	2,3-epoxypropyl neodecanoate	<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:

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: 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.
- · Advice for firefighters
- · Protective equipment: No special measures required.

(Contd. on page 4)



Printing date 09/11/2019

#### Reviewed on 06/28/2019

#### Trade name: 633 MEDIUM YELLOW

(Contd. of page 3)

6 Accidenta	6 Accidental release measures		
Wear protect Environment Methods ar Absorb with Dispose cor Ensure adect Reference at See Section See Section See Section	recautions, protective equipment and emergency procedures trive equipment. Keep unprotected persons away. Intal precautions: Do not allow to enter sewers/ surface or ground water. Ind material for containment and cleaning up: liquid-binding material (sand, diatomite, acid binders, universal binders, save that minated material as waste according to item 13. quate ventilation. To other sections 7 for information on safe handling. 8 for information on personal protection equipment. 13 for disposal information. Action Criteria for Chemicals	vdust).	
· PAC-1:			
123-86-4	n-butyl acetate	5 ppm	
1330-20-7	xylene	130 ppm	
110-43-0	2-Heptanone	150 ppm	
123-54-6	pentane-2,4-dione	75 ppm	
108-65-6	2-methoxy-1-methylethyl acetate	50 ppm	
67-64-1	acetone	200 ppm	
75-65-0	2-methylpropan-2-ol	150 ppm	
80-62-6	methyl methacrylate	17 ppm	
57-55-6	Propylene glycol	30 mg/m <sup>3</sup>	
7664-38-2	phosphoric acid	3 mg/m <sup>3</sup>	
100-41-4	ethylbenzene	33 ppm	
868-77-9	2-hydroxyethyl methacrylate	1.9 mg/m <sup>3</sup>	
79-41-4	methacrylic acid	6.7 ppm	
77-58-7	dibutyltin dilaurate	1.1 mg/m <sup>3</sup>	
280-57-9	triethylenediamine	5.1 mg/m <sup>3</sup>	
122-99-6	2-Phenoxyethanol	1.5 ppm	
872-50-4	N-methyl-2-pyrrolidone	30 ppm	
70657-70-4	2-methoxypropyl acetate	50 ppm	
78-83-1	butanol	150 ppm	
7447-41-8	lithium chloride	2.3 mg/m <sup>3</sup>	
556-67-2	octamethylcyclotetrasiloxane	30 ppm	
· PAC-2:			
	n-butyl acetate	200 ppm	
1330-20-7	-	920* ppm	
	·	(Contd. on page 5)	



Page 4/15

Printing date 09/11/2019

Reviewed on 06/28/2019

#### Trade name: 633 MEDIUM YELLOW

		(Contd. of page
110-43-0	2-Heptanone	670 ppm
123-54-6	pentane-2,4-dione	110 ppm
108-65-6	6 2-methoxy-1-methylethyl acetate 1,00	
67-64-1	67-64-1 acetone	
75-65-0	2-methylpropan-2-ol	1,300 ppm
80-62-6	methyl methacrylate	120 ppm
57-55-6	Propylene glycol	1,300 mg/m <sup>3</sup>
7664-38-2	phosphoric acid	30 mg/m <sup>3</sup>
100-41-4	ethylbenzene	1100* ppm
868-77-9	2-hydroxyethyl methacrylate	21 mg/m <sup>3</sup>
79-41-4	methacrylic acid	61 ppm
77-58-7	dibutyltin dilaurate	8 mg/m³
280-57-9	triethylenediamine	56 mg/m³
122-99-6	2-Phenoxyethanol	16 ppm
872-50-4	N-methyl-2-pyrrolidone	32 ppm
70657-70-4	2-methoxypropyl acetate	1,000 ppm
78-83-1	butanol	1,300 ppm
7447-41-8	lithium chloride	25 mg/m <sup>3</sup>
556-67-2	octamethylcyclotetrasiloxane	68 ppm
· PAC-3:		
123-86-4	n-butyl acetate	3000* ppm
1330-20-7	xylene	2500* ppm
110-43-0	2-Heptanone	4000* ppm
123-54-6	pentane-2,4-dione	200 ppm
	2-methoxy-1-methylethyl acetate	5000* ppm
	acetone	5700* ppm
75-65-0	2-methylpropan-2-ol	8000* ppm
	methyl methacrylate	570 ppm
57-55-6	Propylene glycol	7,900 mg/m <sup>3</sup>
	phosphoric acid	150 mg/m <sup>3</sup>
	ethylbenzene	1800* ppm
	2-hydroxyethyl methacrylate	1,000 mg/m <sup>2</sup>
	methacrylic acid	220 ppm
	dibutyltin dilaurate	48 mg/m <sup>3</sup>
	triethylenediamine	340 mg/m <sup>3</sup>
	2-Phenoxyethanol	97 ppm
	N-methyl-2-pyrrolidone	190 ppm
		(Contd. on page (



*Printing date 09/11/2019* 

Reviewed on 06/28/2019

Page 6/15

#### Trade name: 633 MEDIUM YELLOW

		(Contd. of page 5)
70657-70-4	2-methoxypropyl acetate	5,000 ppm
78-83-1	butanol	8000* ppm
7447-41-8	lithium chloride	150 mg/m³
556-67-2	octamethylcyclotetrasiloxane	130 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 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.
- · 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 other constituents have no known exposure limits.

	123-	-86-4 n-butyl acetate	
	PEL	. Long-term value: 710 mg/m³, 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	0-20-7 xylene	
	PEL	Long-term value: 435 mg/m³, 100 ppm	
I			(Contd. on page 7)



*Printing date 09/11/2019* 

Reviewed on 06/28/2019

#### Trade name: 633 MEDIUM YELLOW

	(Contri of page 6
REL	Short-term value: 655 mg/m³, 150 ppm
	Long-term value: 435 mg/m³, 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
110-4	43-0 2-Heptanone
PEL	Long-term value: 465 mg/m³, 100 ppm
REL	Long-term value: 465 mg/m³, 100 ppm
TLV	Long-term value: 233 mg/m³, 50 ppm
80-62	2-6 methyl methacrylate
PEL	Long-term value: 410 mg/m³, 100 ppm
REL	Long-term value: 410 mg/m <sup>3</sup> , 100 ppm
TLV	Short-term value: 410 mg/m <sup>3</sup> , 100 ppm
	Long-term value: 205 mg/m³, 50 ppm
	DSEN
-	edients with biological limit values:
1330	-20-7 xylene
	1.5 g/g creatinine
	Medium: urine
	Time: end of shift Parameter: Methylhippuric acids
	tional information: The lists that were valid during the creation were used as basis.
	-
	osure controls
	onal protective equipment:
	eral protective and hygienic measures: ediately remove all soiled and contaminated clothing.
	h hands before breaks and at the end of work.
	thing equipment:
	se 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:
n	
1117	Protective gloves
<b>T</b> 1	
	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/ th aration/ the chemical mixture.
	alauony une chemican mature.

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

(Contd. on page 8)



*Printing date 09/11/2019* 

Reviewed on 06/28/2019

#### Trade name: 633 MEDIUM YELLOW

(Contd. of page 7) 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

General Information	
Appearance:	
Form:	Liquid
Color:	White
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:	25 °C (77 °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 ail 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):	1.02 g/cm³ (8.5119 lbs/gal)
Relative density	Not determined.
Vapor density	Not determined.

Page 8/15



Printing date 09/11/2019

Reviewed on 06/28/2019

#### Trade name: 633 MEDIUM YELLOW

		(Contd. of page 8
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:	41.9 %	
Coating VOC content:	41.50 %	
0	425.8 g/l / 3.55 lb/gal	
Material VOC content:	423.3 g/l / 3.53 lb/gal	
Solids content:	57.4 %	
Other information	No further relevant information available.	

- · 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:

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)	
Dermal	LD50	>3,400 mg/kg (rab)	
Inhalative	LC50/4 h	>10.2 mg/l (rat)	
	•		(Contd. on page 1)

Page 9/15



(Contd. of page 9)

Page 10/15

### Safety Data Sheet acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 06/28/2019

#### Trade name: 633 MEDIUM YELLOW

- · Primary irritant effect:
- on the skin: No irritant effect.
- · on the eye: No 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:

Irritant

#### · Carcinogenic categories

•	•	
· IARC (Inte	rnational Agency for Research on Cancer)	
1330-20-7	xylene	3
80-62-6	methyl methacrylate	3
100-41-4	ethylbenzene	2B
· NTP (Natio	onal Toxicology Program)	
None of the	e ingredients is listed.	
· OSHA-Ca	(Occupational Safety & Health Administration)	
Mana of the	a ingradianta ja liatad	

None of the 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.
- · Other adverse effects No further relevant information available.

(Contd. on page 11)

Printing date 09/11/2019

Reviewed on 06/28/2019

#### Trade name: 633 MEDIUM YELLOW

(Contd. of page 10)

US

#### 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	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	Warning: Flammable liquids	
Danger code (Kemler): EMS Number:	30 F-E,S-E	



Page 11/15

*Printing date 09/11/2019* 

Reviewed on 06/28/2019

Trade name: 633 MEDIUM YELLOW

	(Contd. of page
Stowage Category	A
<i>Transport in bulk according to Annex</i> <i>MARPOL73/78 and the IBC Code</i>	r <b>II of</b> 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)	5L
Excepted quantities (ÉQ)	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

	e ingredients is listed.	
Section 31	3 (Specific toxic chemical listings):	
1330-20-7	xylene	
75-65-0	2-methylpropan-2-ol	
80-62-6	methyl methacrylate	
7664-38-2	phosphoric acid	
100-41-4	ethylbenzene	
122-99-6	2-Phenoxyethanol	
872-50-4	N-methyl-2-pyrrolidone	
104-68-7	Diethylene glycol monophenyl ether	
TSCA (Tox	ic Substances Control Act):	
123-86-4	n-butyl acetate	ACTIV
1330-20-7	, xylene	ACTIV
110-43-0	2-Heptanone	ACTIV



Page 12/15

Printing date 09/11/2019

Reviewed on 06/28/2019

US

#### Trade name: 633 MEDIUM YELLOW

		(Contd. of page 12
123-54-6	pentane-2,4-dione	ACTIVE
108-65-6	2-methoxy-1-methylethyl acetate	ACTIVE
67-64-1	acetone	ACTIVE
75-65-0	2-methylpropan-2-ol	ACTIVE
80-62-6	methyl methacrylate	ACTIVE
26761-45-5	2,3-epoxypropyl neodecanoate	ACTIVE
57-55-6	Propylene glycol	ACTIVE
7664-38-2	phosphoric acid	ACTIVE
100-41-4	ethylbenzene	ACTIVE
868-77-9	2-hydroxyethyl methacrylate	ACTIVE
79-41-4	methacrylic acid	ACTIVE
77-58-7	dibutyItin dilaurate	ACTIVE
280-57-9	triethylenediamine	ACTIVE
122-99-6	2-Phenoxyethanol	ACTIVE
872-50-4	N-methyl-2-pyrrolidone	ACTIVE
78-83-1	butanol	ACTIVE
7447-41-8	lithium chloride	ACTIVE
104-68-7	Diethylene glycol monophenyl ether	ACTIVE
556-67-2	octamethylcyclotetrasiloxane	ACTIVE
· Hazardous	Air Pollutants	
1330-20-7	xylene	
80-62-6	methyl methacrylate	
100-41-4	ethylbenzene	
· Proposition	1 65	
· Chemicals	known to cause cancer:	
100-41-4 ei	thylbenzene	
	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:	
872-50-4 N	-methyl-2-pyrrolidone	
· Carcinoger	nic categories	
· EPA (Envir	onmental Protection Agency)	
1330-20-7	xylene	1
67-64-1	acetone	1
I		(Contd. on page 14

Page 13/15



Page 14/15

# Safety Data Sheet acc. to OSHA HCS

*Printing date 09/11/2019* 

Reviewed on 06/28/2019

#### Trade name: 633 MEDIUM YELLOW

	(Contd. of	page 13)			
80-62-6	methyl methacrylate	E, NL			
100-41-4	ethylbenzene	D			
• TLV (Threshold Limit Value established by ACGIH)					
1330-20-7	xylene	A4			
67-64-1	acetone	A4			
75-65-0	2-methylpropan-2-ol	A4			
80-62-6	methyl methacrylate	A4			
100-41-4	ethylbenzene	A3			
77-58-7	dibutyltin dilaurate	A4			
· NIOSH-Ca	NIOSH-Ca (National Institute for Occupational Safety and Health)				
None of the	e 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 methyl methacrylate 2,3-epoxypropyl neodecanoate · Hazard statements Flammable liquid and vapor. May cause an allergic skin reaction. May cause drowsiness or dizziness. · Precautionary statements 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. Avoid breathing dust/fume/gas/mist/vapors/spray Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. 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. Call a poison center/doctor if you feel unwell. Specific treatment (see on this label). (Contd. on page 15)

US

Page 15/15

### Safety Data Sheet acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 06/28/2019

#### Trade name: 633 MEDIUM YELLOW

(Contd. of page 14)

If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. 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/nation

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:

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 Inventory of Existing Commercial 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 Sens. 1: Skin sensitisation Category 1
- STOT SE 3: Specific target organ toxicity (single exposure) Category 3

US