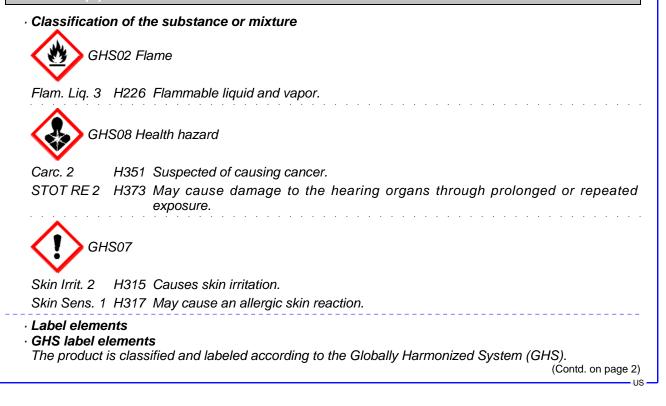
Printing date 09/11/2019

Reviewed on 08/21/2019

1 Identification

- · Product identifier
- · Trade name: 810 2K PLASTICISER GLOSS
- · Article number: 810
- · 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





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Trade name: 810 2K PLASTICISER GLOSS

Hazard pictograms

· Signal word Warning

· Hazard-determining components of labeling: ethylbenzene bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate s-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol-ohydroxypoly(oxyethylene);a-3-(3-(2hn-butyl acrylate 2-ethylhexyl acrylate methyl methacrylate methyl 1,2,2,6,66prntamethyl-4-piperidyl sebacate · Hazard statements Flammable liquid and vapor. Causes skin irritation. May cause an allergic skin reaction. Suspected of causing cancer. 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. Keep container tightly closed. 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. 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 exposed or concerned: Get medical advice/attention. 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 or rash occurs: Get medical advice/attention.

II SKIN Initiation of rash occurs: Get medical advice/attent

Wash contaminated clothing before reuse.

In case of fire: Use for extinction: CO2, powder or water spray.

Store in a well-ventilated place. Keep cool.

Store locked up.

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Trade name: 810 2K PLASTICISER GLOSS

(Contd. of page 2) Dispose of contents/container in accordance with local/regional/national/international regulations. • Classification system:

· NFPA ratings (scale 0 - 4)

 $\begin{array}{c} Health = 1\\ Fire = 3\\ Reactivity = 0 \end{array}$

· HMIS-ratings (scale 0 - 4)

HEALTH1Health = 1FIRE3Fire = 3REACTIVITY0Reactivity = 0

- · 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 of 	components:	
1330-20-7	xylene	>25- <i>≤</i> 50%
100-41-4	ethylbenzene	>2.5- <i>≤</i> 10%
123-86-4	n-butyl acetate	<i>≦</i> 2.5%
	bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	<i>≦</i> 2.5%
104810-47-1	s-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol- ohydroxypoly(oxyethylene);a-3-(3-(2h-	<i>≤</i> 2.5%
141-32-2	n-butyl acrylate	<i>≦</i> 2.5%
103-11-7	2-ethylhexyl acrylate	<i>≤</i> 2.5%
80-62-6	methyl methacrylate	<i>≦</i> 2.5%
82919-37-7	methyl 1,2,2,6,66prntamethyl-4-piperidyl sebacate	<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.

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· 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 During heating or in case of fire poisonous gases are produced.
- · Advice for firefighters
- · Protective equipment: Mouth respiratory protective device.

6 Accidental release measures

Mount resp Wear prote • Environme • Methods a Absorb with Dispose co Ensure ade • Reference See Sectio See Sectio See Sectio	brecautions, protective equipment and emergency procedures biratory protective device. Active equipment. Keep unprotected persons away. Bental precautions: Do not allow to enter sewers/ surface or ground we and material for containment and cleaning up: The liquid-binding material (sand, diatomite, acid binders, universal bind bintaminated material as waste according to item 13. Bequate ventilation. To other sections on 7 for information on safe handling. In 8 for information on personal protection equipment. In 13 for disposal information. Action Criteria for Chemicals	
· PAC-1:		
1330-20-7	xylene	130 ppm
100-41-4	ethylbenzene	33 ppm
123-86-4	n-butyl acetate	5 ppm
141-32-2	n-butyl acrylate	8.3 ppm
		(Contd. on page 5)



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102 11 7	2 other the second of the	(Contd. of page
	2-ethylhexyl acrylate	15 ppm
	methyl methacrylate	17 ppm
78-83-1	butanol	150 ppm
77-58-7	dibutyltin dilaurate	1.1 mg/m
PAC-2:		
1330-20-7	xylene	920* ppm
100-41-4	ethylbenzene	1100* ppn
123-86-4	n-butyl acetate	200 ppm
141-32-2	n-butyl acrylate	130 ppm
103-11-7	2-ethylhexyl acrylate	120 ppm
80-62-6	methyl methacrylate	120 ppm
78-83-1	butanol	1,300 ppm
77-58-7	dibutyltin dilaurate	8 mg/m³
PAC-3:		
1330-20-7	xylene	2500* ppn
100-41-4	ethylbenzene	1800* ppn
123-86-4	n-butyl acetate	3000* ppn
141-32-2	n-butyl acrylate	480 ppm
103-11-7	2-ethylhexyl acrylate	150 ppm
80-62-6	methyl methacrylate	570 ppm
78-83-1	butanol	8000* ppn
77-58-7	dibutyltin dilaurate	48 mg/m ³

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
- 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.

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• Storage class: 3

· Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

 Additional information about design of technica 	al systems: No further data; see item 7.
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- · 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.

1330-20-7 xylenePELLong-term value: 435 mg/m³, 100 ppmRELShort-term value: 655 mg/m³, 150 ppmLong-term value: 435 mg/m³, 100 ppmTLVShort-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

123-86-4 n-butyl acetate

- PELLong-term value: 710 mg/m³, 150 ppmRELShort-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 141-32-2 n-butyl acrylate
- REL Long-term value: 55 mg/m³, 10 ppm
- TLV Long-term value: 11 mg/m³, 2 ppm DSEN

80-62-6 methyl methacrylate

- PEL Long-term value: 410 mg/m³, 100 ppm
- REL Long-term value: 410 mg/m³, 100 ppm
- TLV Short-term value: 410 mg/m³, 100 ppm Long-term value: 205 mg/m³, 50 ppm DSEN

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Trade name: 810 2K PLASTICISER GLOSS

	(Contd. of page 6
-	edients with biological limit values:
	0-20-7 xylene
BEI	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)
	itional information: The lists that were valid during the creation were used as basis.
Keej Imm Was Stor Avoi Avoi Brea In ca	<i>eral protective and hygienic measures:</i> o 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. d contact with the skin.
Ţ	d contact with the eyes and skin. Athing equipment: ase of brief exposure or low pollution use respiratory filter device. In case of intensive or longe osure use respiratory protective device that is independent of circulating air. A protection of hands:
Chun.	athing equipment: ase of brief exposure or low pollution use respiratory filter device. In case of intensive or longe osure use respiratory protective device that is independent of circulating air.

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.

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· 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: Color: Odor: Odor threshold:	Liquid Colorless Characteristic Not determined.
pH-value:	Not determined.
Change in condition Melting point/Melting range: Boiling point/Boiling range:	Undetermined. 136 °C (276.8 °F)
Flash point:	27 °C (80.6 °F)
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	430 °C (806 °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:	1.1 Vol %
Upper:	7 Vol %
Vapor pressure at 20 °C (68 °F):	6.7 hPa (5 mm Hg)
Density at 20 °C (68 °F):	1.0026 g/cm³ (8.3667 lbs/gal)
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not determined.

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Trade name: 810 2K PLASTICISER GLOSS

		(Contd. of page 8
· 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:	42.0 %	
Coating VOC content:	41.98 %	
U	420.9 g/l / 3.51 lb/gal	
Material VOC content:	420.9 g/l / 3.51 lb/gal	
Solids content:	56.3 %	
 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)
- 100-41-4 ethylbenzene
- Oral LD50 3,500 mg/kg (rat)
- Dermal LD50 17,800 mg/kg (rabbit)

· Primary irritant effect:

- · on the skin: Irritant to skin and mucous membranes.
- · on the eye: No irritating effect.

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Trade name: 810 2K PLASTICISER GLOSS

- · 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 (International Agency for Research on Cancer) 1330-20-7 xylene 100-41-4 ethylbenzene 141-32-2 n-butyl acrylate 103-11-7 2-ethylhexyl acrylate 80-62-6 methyl methacrylate · NTP (National Toxicology Program) None of the ingredients is listed. · OSHA-Ca (Occupational Safety & Health Administration) 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.

13 Disposal considerations

- · Waste treatment methods
- · Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

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Uncleaned packagings:
 Recommendation: Disposal must be made according to official regulations.

· UN-Number · DOT, ADR, IMDG, IATA	UN1263	
UN proper shipping name	Deint	
ADR	Paint 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	
EMS Number:	F-E, <u>S-E</u>	
Stowage Category	A	
Transport in bulk according to Annex		
MARPOL73/78 and the IBC Code	Not applicable.	



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Trade name: 810 2K PLASTICISER GLOSS

	(Contd. of page 1
· 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

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	ethylbenzene	
141-32-2	n-butyl acrylate	
80-62-6	methyl methacrylate	
TSCA (Tox	ric Substances Control Act):	
1330-20	7 xylene	ACTIV
100-41	4 ethylbenzene	ACTIV
123-86	4 n-butyl acetate	ACTIV
41556-26	7 bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	ACTIV
104810-47	1 s-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol- ohydroxypoly(oxyethylene);a-3-(3-(2h-	ACTIV
141-32	2 n-butyl acrylate	ACTIV
103-11	7 2-ethylhexyl acrylate	ACTIV
80-62	6 methyl methacrylate	ACTIV
82919-37	7 methyl 1,2,2,6,66prntamethyl-4-piperidyl sebacate	ACTIV



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ENERAL

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Trade name: 810 2K PLASTICISER GLOSS

		(Contd. of page 12
	-1 butanol	ACTIVE
77-58	-7 dibutyltin dilaurate	ACTIVE
·Hazardous	Air Pollutants	
1330-20-7	xylene	
	ethylbenzene	
	methyl methacrylate	
 Propositio 		
	known to cause cancer:	
100-41-4 e	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
80-62-6	methyl methacrylate	E, NL
· TLV (Threa	shold Limit Value established by ACGIH)	
1330-20-7	xylene	A4
100-41-4	ethylbenzene	A3
141-32-2	n-butyl acrylate	A4
80-62-6	methyl methacrylate	A4
77-58-7	dibutyltin dilaurate	A4
· 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

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Safety Data Sheet acc. to OSHA HCS

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Trade name: 810 2K PLASTICISER GLOSS

(Contd. of page 13) · Hazard-determining components of labeling: ethvlbenzene bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate s-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol-ohydroxypoly(oxyethylene);a-3-(3-(2hn-butyl acrylate 2-ethylhexyl acrylate methyl methacrylate methyl 1,2,2,6,66prntamethyl-4-piperidyl sebacate · Hazard statements Flammable liquid and vapor. Causes skin irritation. May cause an allergic skin reaction. Suspected of causing cancer. 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. Keep container tightly closed. 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. 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 exposed or concerned: Get medical advice/attention. 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 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 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.

6 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.

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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 cher the International Transport of Dangerous Goods by Rail)	min de fer (Regulations Concerning
ICAO: International Civil Aviation Organisation	
ADR: Accord européen sur le transport des marchandises dangereuses par Route (Euro International Carriage of Dangerous Goods by Road)	opean Agreement concerning the
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	
REL: Recommended Exposure Limit	
BEI: Biological Exposure Limit	
Flam. Liq. 3: Flammable liquids – Category 3	
Skin Irrit. 2: Skin corrosion/irritation – Category 2	
Skin Sens. 1: Skin sensitisation – Category 1	
Carc. 2: Carcinogenicity – Category 2	
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2	

CERERAL

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