

: 03.04.2017

: 01.04.2017

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· 1.1

PLG5120

: **EFFETTO MADREPERLA**

· 1.2.

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IVM Chemicals Srl

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Environmental Health and safety office
hseoffice@ivmchemicals.com

· 1.4

8.30 17.30 0039 038 425 441

: 0039 0384 254491

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· 2.1

() 1272/2008



Flam. Liq. 3 H226



STOT RE 2 H373



Skin Irrit. 2 H315

Eye Irrit. 2 H319

STOT SE 3 H335

· 2.2

(EC) 1272/2008

(CLP).



GHS02



GHS07



GHS08

: 03.04.2017

: 01.04.2017

PLG5120
: EFFETTO MADREPERLA

xylene

H226
H315
H319
H335
H373

P210

P241

P303+P361+P353

P305+P351+P338

P405
P501

EUH208

Mixture of alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-hydroxypoly(oxyethylene) and alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene).

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PBT (

) vPvB

PBT:
vPvB:

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CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32-XXXX	xylene Flam. Liq. 3, H226 STOT RE 2, H373; Asp. Tox. 1, H304 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	20-<25%
CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29-XXXX	n-butyl acetate Flam. Liq. 3, H226 STOT SE 3, H336	15-19,99%

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PLG5120
: EFFETTO MADREPERLA

CAS: 100-41-4 EINECS: 202-849-4 Reg.nr.: 01-2119488216-32-XXXX	ethylbenzene ⚠ Flam. Liq. 2, H225 ⚠ STOT RE 2, H373; Asp. Tox. 1, H304 ⚠ Acute Tox. 4, H332	(2) 5-9,99%
CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29-XXXX	2-methoxy-1-methylethyl acetate ⚠ Flam. Liq. 3, H226	1-2,499%
ELINCS: 400-830-7 Reg.nr.: 01-2119472279-28-XXXX	Mixture of alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-hydroxypoly(oxyethylene) and alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene) ⚠ Aquatic Chronic 2, H411 ⚠ Skin Sens. 1, H317	0,25-<0,5%

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48

(...)

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: 03.04.2017

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1330-20-7 xylene

PDK : 150 /m³
: 50 /m³

123-86-4 n-butyl acetate

PDK : 200 /m³
: 50 /m³

100-41-4 ethylbenzene

PDK : 150 /m³
: 50 /m³

108-65-6 2-methoxy-1-methylethyl acetate

PDK : 10 /m³

DNEL

1330-20-7 xylene

()	DNEL acuto/agudo/ostre/aigu/acute/akut	289 /mc ()
	DNEL	77 /mc ()
	DNEL	180 / b w / d ()

123-86-4 n-butyl acetate

()	DNEL acuto/agudo/ostre/aigu/acute/akut	960 /mc ()
	DNEL	859,7 /mc (popolazione)
	DNEL	480 /mc ()
		102,34 /mc (popolazione)

100-41-4 ethylbenzene

()	DNEL acuto/agudo/ostre/aigu/acute/akut	293 /mc ()
	DNEL	77 /mc ()
	DNEL	180 / b w / d ()

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108-65-6 2-methoxy-1-methylethyl acetate		()	5)
()	DNEL	275 /mc ()	
	DNEL	153,5 / b w / d ()	
Mixture of alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-hydroxypoly(oxyethylene) and alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)			
()	DNEL	0,35 /mc ()	
	DNEL	0,5 / b w / d ()	
PNEC			
1330-20-7 xylene			
PNEC Acqua dolce/water/woda słodka/eau/agua		0,327 /L ()	
PNEC Suolo/earth/suelo/sol/gleba/		2,31 / ()	
123-86-4 n-butyl acetate			
PNEC Acqua dolce/water/woda słodka/eau/agua		0,18 /L ()	
PNEC Suolo/earth/suelo/sol/gleba/		0,0903 / ()	
100-41-4 ethylbenzene			
PNEC Acqua dolce/water/woda słodka/eau/agua		0,1 /L ()	
PNEC Suolo/earth/suelo/sol/gleba/		2,68 / ()	
108-65-6 2-methoxy-1-methylethyl acetate			
PNEC Acqua dolce/water/woda słodka/eau/agua		0,635 /L ()	
PNEC Suolo/earth/suelo/sol/gleba/		0,29 / ()	
Mixture of alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-hydroxypoly(oxyethylene) and alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)			
PNEC Acqua dolce/water/woda słodka/eau/agua		0,0023 /L ()	
PNEC Suolo/earth/suelo/sol/gleba/		2 / ()	

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EN 374

89/686/

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pH:

124-128 °C

25 °C

315 °C

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LD/LC50 (/),

1330-20-7 xylene

()	LD50	3523 / (rat/szczur/mouse/souris/Maus/rat n)
()	LD50	1701 / (rabbit/kr lik/Kaninchen/conejo/lapin)

123-86-4 n-butyl acetate

()	LD50	10760 / (rat/szczur/mouse/souris/Maus/rat n)
()	LD50	14000 / (rabbit/kr lik/Kaninchen/conejo/lapin)
()	LC50/4	21,1 / (rat/szczur/mouse/souris/Maus/rat n)

100-41-4 ethylbenzene

()	LD50	3500 / (rat/szczur/mouse/souris/Maus/rat n)
()	LD50	15486 / (rabbit/kr lik/Kaninchen/conejo/lapin)
()	LC50/4	17,2 / (rat/szczur/mouse/souris/Maus/rat n)

108-65-6 2-methoxy-1-methylethyl acetate

()	LD50	8532 / (rat/szczur/mouse/souris/Maus/rat n)
()	LD50	5001 / (rabbit/kr lik/Kaninchen/conejo/lapin)
()	LC50/4	35,7 / (rat/szczur/mouse/souris/Maus/rat n)

Mixture of alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-hydroxypoly(oxyethylene) and alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)

()	LD50	5001 / (rat/szczur/mouse/souris/Maus/rat n) (OECD - 401)
()	LD50	2001 / (rat/szczur/mouse/souris/Maus/rat n) (OECD - 402)
()	LC50/4	5,9 / (mouse) (OCSE - 403)

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123-86-4 n-butyl acetate

EC50 648 / () (72 .)

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PLG5120
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	44 / (daphnia) (48 .)	(9)
LC50 (96 .)	18 / ()	
100-41-4 ethylbenzene		
EC50	75 / (daphnia) (48 .)	
108-65-6 2-methoxy-1-methylethyl acetate		
EC50	1001 / () (72 .)	
	501 / (daphnia) (48 .)	
LC50 (96 .)	134 / ()	
Mixture of alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-hydroxypoly(oxyethylene) and alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)		
EC50	101 / () (72 .)	
	4 / (daphnia) (OECD linee guida 202 parte 1)	
LC50 (96 .)	2,8 / (Leuciscus idus melanotus) (OECD linee guida 203)	

· 12.2

· 12.3

· 12.4

· 12.5

· PBT:

· vPvB:

· 12.6

PBT (

) vPvB (

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PLG5120
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(10)

14

· 14.1 UN

· ADR, IMDG, IATA

UN1263

· 14.2

· ADR

UN1263

, . 640E

· IMDG, IATA

PAINT

· 14.3

· ADR, IMDG, IATA



3

3

· 14.4

· ADR, IMDG, IATA

III

· 14.5

:

:

· 14.6

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· ():

30

· EMS:

F-E, S-E

· Stowage Category

A

· 14.7

II

MARPOL73/78 (

) IBC Code (

)

· / :

· ADR

(LQ)

5L

(EQ)

: E1

: 30

: 1000

3

D/E

Classificato: ADR 3 . . III 1263 1866

Confezioni > 450 L.

IMDG 3 . . III 1263

1866 Confezioni > 30 L.

· IMDG

· Limited quantities (LQ)

5L

· Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner

(12)

PLG5120
: EFFETTO MADREPERLA

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packaging: 30
 Maximum net quantity per outer
 packaging: 1000

· UN "Model Regulation": UN 1263
 640E, 3, III

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1907/2006 1272/2008
 2012/18/EU

1: 5000
 2: 50000

· P

· 15.2

16

H225
 H226
 H304
 H312
 H315
 H317
 H319
 H332
 H335
 H336
 H373

H411

: IVM Chemicals Srl
 : Carlo Porta

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

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

(13)

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: EFFETTO MADREPERLA

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids . Category 2

Flam. Liq. 3: Flammable liquids . Category 3

Acute Tox. 4: Acute toxicity . Category 4

Skin Irrit. 2: Skin corrosion/irritation . Category 2

Eye Irrit. 2: Serious eye damage/eye irritation . Category 2

Skin Sens. 1: Skin sensitisation . Category 1

STOT SE 3: Specific target organ toxicity (single exposure) . Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) . Category 2

Asp. Tox. 1: Aspiration hazard . Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard . Category 2

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1272/2008/EC

ECHA -

INRS Fiche Toxicologique

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