

: 20.03.2017

: 11.03.2017

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· 1.1

PR60/20

: **FINITURA NITRO BIANCA 20 GL**

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· 1.3

IVM Chemicals Srl

Viale della Stazione 3 -27020 Parona (PV)Italy -Tel +39 038425441

Environmental Health and safety office  
hseoffice@ivmchemicals.com

· 1.4

8.30 17.30 0039 038 425 441

: 0039 0384 254491

2

· 2.1

( ) 1272/2008



Flam. Liq. 2 H225



Repr. 2 H361d  
STOT RE 2 H373



Skin Irrit. 2 H315  
Eye Irrit. 2 H319  
STOT SE 3 H336

· 2.2

(EC) 1272/2008

(CLP).



GHS02



GHS07



GHS08

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toluene  
ethyl acetate  
n-butyl acetate  
isobutyl acetate

H225  
H315  
H319  
H361d  
H336  
H373

P210 / / /

P241 /

P303+P361+P353 ( ):

P305+P351+P338 :

P405  
P501 /

2.3

PBT ( )

vPvB

PBT:  
vPvB:

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CAS: 108-88-3 EINECS: 203-625-9 Reg.nr.: 01-2119471310-51-XXXX	toluene Flam. Liq. 2, H225 Repr. 2, H361d; STOT RE 2, H373; Asp. Tox. 1, H304 Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H336 Aquatic Chronic 3, H412	15-19,99%
CAS: 141-78-6 EINECS: 205-500-4 Reg.nr.: 01-2119475103-46-XXXX	ethyl acetate Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	10-14,99%

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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	( 2) 5-9,99%
CAS: 110-19-0 EINECS: 203-745-1 Reg.nr.: 01-2119488971-22-XXXX	isobutyl acetate ⚠ Flam. Liq. 2, H225 ⚠ STOT SE 3, H336	5-9,99%
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	5-9,99%
CAS: 123-42-2 EINECS: 204-626-7	4-hydroxy-4-methylpentan-2-one ⚠ Flam. Liq. 3, H226 ⚠ Eye Irrit. 2, H319; STOT SE 3, H335	2,5-4,99%
CAS: 67-63-0 EINECS: 200-661-7 Reg.nr.: 01-2119457558-25-XXXX	propan-2-ol ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	2,5-4,99%
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	1-2,499%

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**: FINITURA NITRO BIANCA 20 GL**

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<b>108-88-3 toluene</b>	
PDK	: 150 /m <sup>3</sup> : 50 /m <sup>3</sup>
<b>141-78-6 ethyl acetate</b>	
PDK	: 200 /m <sup>3</sup> : 50 /m <sup>3</sup>
<b>123-86-4 n-butyl acetate</b>	
PDK	: 200 /m <sup>3</sup> : 50 /m <sup>3</sup>
<b>1330-20-7 xylene</b>	
PDK	: 150 /m <sup>3</sup> : 50 /m <sup>3</sup>
<b>123-42-2 4-hydroxy-4-methylpentan-2-one</b>	
PDK	: 100 /m <sup>3</sup>
<b>67-63-0 propan-2-ol</b>	
PDK	: 50 /m <sup>3</sup> : 10 /m <sup>3</sup>

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( 5)		
<b>100-41-4 ethylbenzene</b>		
PDK	: 150 /m <sup>3</sup>	
	: 50 /m <sup>3</sup>	
<i>DNEL</i>		
<b>108-88-3 toluene</b>		
( )	DNEL acuto/agudo/ostre/aigu/acute/akut	384 /mc ( )
	DNEL	192 /mc ( )
<b>141-78-6 ethyl acetate</b>		
( )	DNEL	4, 5 / bw / d (popolazione)
( )	DNEL acuto/agudo/ostre/aigu/acute/akut	1468 /mc ( )
		734 /mc (popolazione)
	DNEL	734 /mc ( )
		367 /mc (popolazione)
	DNEL	63 / bw / d ( )
		37 / bw/d (popolazione)
<b>123-86-4 n-butyl acetate</b>		
( )	DNEL acuto/agudo/ostre/aigu/acute/akut	960 /mc ( )
		859,7 /mc (popolazione)
	DNEL	480 /mc ( )
		102,34 /mc (popolazione)
<b>110-19-0 isobutyl acetate</b>		
( )	DNEL	243 /mc ( )
	DNEL	4, 95 / bw / d ( )
<b>1330-20-7 xylene</b>		
( )	DNEL acuto/agudo/ostre/aigu/acute/akut	289 /mc ( )
	DNEL	77 /mc ( )
	DNEL	180 / bw / d ( )
<b>123-42-2 4-hydroxy-4-methylpentan-2-one</b>		
( )	DNEL acuto/agudo/ostre/aigu/acute/akut	240 /mc ( )
	DNEL	66,4 /mc ( )
	DNEL	9, 4 / bw / d ( )
<b>67-63-0 propan-2-ol</b>		
( )	DNEL	26 / bw/d (popolazione)
( )	DNEL	500 /mc ( )
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	DNEL	89 /mc (popolazione) 888 / b w / d ( ) 319 / b w / d (popolazione)
<b>100-41-4 ethylbenzene</b>		
( )	DNEL acuto/agudo/ostre/ aigu/acute/akut	293 /mc ( )
	DNEL	77 /mc ( )
	DNEL	180 / b w / d ( )
<b>PNEC</b>		
<b>108-88-3 toluene</b>		
PNEC Acqua dolce/water/woda sjdka/eau/agua	0,68 /L ( )	
PNEC Suolo/earth/suelo/sol/gleba/	2,89 / ( )	
<b>141-78-6 ethyl acetate</b>		
PNEC Acqua dolce/water/woda sjdka/eau/agua	0,26 /L ( )	
PNEC Suolo/earth/suelo/sol/gleba/	0,24 / ( )	
<b>123-86-4 n-butyl acetate</b>		
PNEC Acqua dolce/water/woda sjdka/eau/agua	0,18 /L ( )	
PNEC Suolo/earth/suelo/sol/gleba/	0,0903 / ( )	
<b>110-19-0 isobutyl acetate</b>		
PNEC Acqua dolce/water/woda sjdka/eau/agua	0,17 /L ( )	
PNEC Suolo/earth/suelo/sol/gleba/	0,0755 / ( )	
<b>1330-20-7 xylene</b>		
PNEC Acqua dolce/water/woda sjdka/eau/agua	0,327 /L ( )	
PNEC Suolo/earth/suelo/sol/gleba/	2,31 / ( )	
<b>67-63-0 propan-2-ol</b>		
PNEC Acqua dolce/water/woda sjdka/eau/agua	140,9 /L ( )	
PNEC Suolo/earth/suelo/sol/gleba/	28 / ( )	
<b>100-41-4 ethylbenzene</b>		
PNEC Acqua dolce/water/woda sjdka/eau/agua	0,1 /L ( )	
PNEC Suolo/earth/suelo/sol/gleba/	2,68 / ( )	

8.2

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/  
EN 374

89/686/

**9**

9.1

*pH:*

77 °C

-4 °C



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( 8)

	:	370 °C
	:	
	:	
	:	
	:	/
	:	1,0 %
	:	12,0 %
	20 °C:	97
	20 °C:	1,145 /cm <sup>3</sup>
	:	:
	:	:
	:	:
	:	/
	:	(n- /
	):	
	:	20 °C: 55 s (ISO 6 mm)
	:	
	:	( +
	:	57,95 %
	:	663,5 /
	:	42,0 %
9.2	:	

**10**

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- 10.2

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**PR60/20**  
**: FINITURA NITRO BIANCA 20 GL**

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LD/LC50 ( / ),		
<b>108-88-3 toluene</b>		
( )	LD50	5000 / (rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	12124 / (rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LC50/4	25,7 / (rat/szczur/mouse/souris/Maus/rat n)
<b>141-78-6 ethyl acetate</b>		
( )	LD50	4934 / (rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LD50	20001 / (rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LC50/4	1600 / (rat/szczur/mouse/souris/Maus/rat n)
	LC0	22,6 ppm (mouse)
<b>123-86-4 n-butyl acetate</b>		
( )	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)
<b>110-19-0 isobutyl acetate</b>		
( )	LD50	13400 / (rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	17401 / (rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LC50/4	31 / (rat/szczur/mouse/souris/Maus/rat n)
<b>1330-20-7 xylene</b>		
( )	LD50	3523 / (rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	1701 / (rabbit/kr lik/Kaninchen/conejo/lapin)
<b>123-42-2 4-hydroxy-4-methylpentan-2-one</b>		
( )	LD50	3002 / (rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	13630 / (rab)
<b>67-63-0 propan-2-ol</b>		
( )	LD50	4710 / (rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	12800 / (rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LC50/4	72,6 / (rat/szczur/mouse/souris/Maus/rat n)
<b>100-41-4 ethylbenzene</b>		
( )	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)

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**: FINITURA NITRO BIANCA 20 GL**

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**12**

· 12.1

<b>108-88-3 toluene</b>	
EC50	134 / ( ) (3 .) 3,78 / (daphnia) (48 .) 58 / ( )
<b>141-78-6 ethyl acetate</b>	
EC50	165 / (daphnia) (48 .)
LC50 (96 .)	230 / ( )
<b>123-86-4 n-butyl acetate</b>	
EC50	648 / ( ) (72 .) 44 / (daphnia) (48 .)
LC50 (96 .)	18 / ( )
<b>110-19-0 isobutyl acetate</b>	
EC50	370 / ( ) (72 .) 25 / (daphnia)
LC50 (96 .)	17 / ( )
<b>123-42-2 4-hydroxy-4-methylpentan-2-one</b>	
EC50	1001 / ( ) (72 .) 1000 / (daphnia) (48 .)
LC50 (96 .)	101 / ( )
<b>67-63-0 propan-2-ol</b>	
EC50	1001 / ( ) (72 .) 10000 / (daphnia) (24 .)
LC50 (96 .)	9640 / ( )
<b>100-41-4 ethylbenzene</b>	
EC50	75 / (daphnia) (48 .)

· 12.2

Toluene CAS n. 108-88-3  
( OECD)

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2 ( - ):

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· 12.5 ) vPvB ( PBT ( ( 11)  
· PBT:  
· vPvB:  
· 12.6

**13**

· 13.1  
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080111  
:  
:

**14**

· 14.1 UN  
· ADR, IMDG, IATA UN1263

· 14.2  
· ADR UN1263  
· IMDG, IATA PAINT

· 14.3  
· ADR, IMDG, IATA



· 3  
· 3

· 14.4  
· ADR, IMDG, IATA III

· 14.5 :  
:

· 14.6 :  
:  
· EMS: ( ): -  
F-E, S-E

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**PR60/20**  
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( 12)

· *Stowage Category*

A

· 14.7

II

MARPOL73/78 (

) IBC Code (

)

· *ADR*

(LQ)

5L

(EQ)

: E1

: 30

: 1000

3

E

· *IMDG*

· *Limited quantities (LQ)*

5L

· *Excepted quantities (EQ)*

Code: E1

Maximum net quantity per inner packaging: 30

Maximum net quantity per outer packaging: 1000

· *UN "Model Regulation":*

UN 1263

, 3, III

**15**

· 15.1

2012/18/EU

1: 5000

2: 50000

· P

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**16**

H225

H226

H304

H312

( 14)

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**PR60/20**  
**: FINITURA NITRO BIANCA 20 GL**

H315  
H319  
H332  
H335  
H336  
H361d  
H373  
  
H412

( 13)

: 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  
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  
Repr. 2: Reproductive toxicity . Category 2  
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 3: Hazardous to the aquatic environment - long-term aquatic hazard . Category 3

1272/2008/EC  
ECHA -  
INRS Fiche Toxicologique

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