

: 07.04.2017

: 03.04.2017

1

· 1.1

PA70000

: **FO PUR ISOL NEUTRO PER MDF**

· 1.2.

· 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



STOT RE 2 H373

Asp. Tox. 1 H304



Skin Irrit. 2 H315

Eye Irrit. 2 H319

· 2.2

(EC) 1272/2008

(CLP).



GHS02



GHS07



GHS08

: 07.04.2017

: 03.04.2017

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( 1)

xylene

H225  
H315  
H319  
H373

H304

P210 / / /

P301+P310 : /

P303+P361+P353 ( ):

P305+P351+P338 :

P405  
P501 /

EUH208 Reaction mass of Fatty acids, tall-oil, compds. with oleylamine and Fatty acids, C18-unsatd., trimers, compds. with oleylamine.

2.3 PBT ( ) vPvB

PBT:

vPvB:

**3 /**

3.2 :

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	10-14,99%
CAS: 110-19-0 EINECS: 203-745-1 Reg.nr.: 01-2119488971-22-XXXX	isobutyl acetate Flam. Liq. 2, H225 STOT SE 3, H336	10-14,99%

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**6**

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· 6.1

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· 6.4

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**7**

· 7.1

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7.3

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8.1

<b>1330-20-7 xylene</b>	
PDK	: 150 /m <sup>3</sup> : 50 /m <sup>3</sup>
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>	
PDK	: 10 /m <sup>3</sup>
<b>100-41-4 ethylbenzene</b>	
PDK	: 150 /m <sup>3</sup> : 50 /m <sup>3</sup>
<b>78-93-3 butanone</b>	
PDK	: 400 /m <sup>3</sup> : 200 /m <sup>3</sup>

**DNEL**

<b>1330-20-7 xylene</b>		
( )	DNEL acuto/agudo/ostre/ aigu/acute/akut	289 /mc ( )
	DNEL	77 /mc ( )
	DNEL	180 / bw/d ( )
<b>110-19-0 isobutyl acetate</b>		
( )	DNEL	243 /mc ( )
	DNEL	4,95 / bw/d ( )
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>		
( )	DNEL	275 /mc ( )
	DNEL	153,5 / bw/d ( )

6)

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<b>100-41-4 ethylbenzene</b>		
( )	DNEL acuto/agudo/ostre/ aigu/acute/akut	293 /mc ( )
	DNEL	77 /mc ( )
	DNEL	180 / b w / d ( )
<b>78-93-3 butanone</b>		
( )	DNEL	600 /mc ( )
	DNEL	1161 / b w / d ( )

**PNEC**

<b>1330-20-7 xylene</b>	
PNEC Acqua dolce/water/woda słodka/eau/agua	0,327 /L ( )
PNEC Suolo/earth/suelo/sol/gleba/	2,31 / ( )
<b>110-19-0 isobutyl acetate</b>	
PNEC Acqua dolce/water/woda słodka/eau/agua	0,17 /L ( )
PNEC Suolo/earth/suelo/sol/gleba/	0,0755 / ( )
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>	
PNEC Acqua dolce/water/woda słodka/eau/agua	0,635 /L ( )
PNEC Suolo/earth/suelo/sol/gleba/	0,29 / ( )
<b>100-41-4 ethylbenzene</b>	
PNEC Acqua dolce/water/woda słodka/eau/agua	0,1 /L ( )
PNEC Suolo/earth/suelo/sol/gleba/	2,68 / ( )
<b>78-93-3 butanone</b>	
PNEC Acqua dolce/water/woda słodka/eau/agua	55,8 /L ( )
PNEC Suolo/earth/suelo/sol/gleba/	22,5 / ( )


**8.2**



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<p>EN 374</p> <p>89/686/</p> 	<p>( 6)</p>
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<b>9</b>
<p>· 9.1</p>
<p><b>pH:</b></p>
<p>78 °C</p>
<p>-4 °C</p>
<p>315 °C</p>
<p>8)</p>





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11.1

LD/LC50 ( / ),		
<b>1330-20-7 xylene</b>		
( )	LD50	3523 / (rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	1701 / (rabbit/kr lik/Kaninchen/conejo/lapin)
<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>108-65-6 2-methoxy-1-methylethyl acetate</b>		
( )	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)
<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)
<b>78-93-3 butanone</b>		
( )	LD50	2001 / (rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	5001 / (rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LC50	21 / (rat/szczur/mouse/souris/Maus/rat n)

**12**

12.1

<b>110-19-0 isobutyl acetate</b>		
EC50	370 / ( ) (72 .)	
	25 / (daphnia)	
LC50 (96 .)	17 / ( )	
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>		
EC50	1001 / ( ) (72 .)	
	501 / (daphnia) (48 .)	
LC50 (96 .)	134 / ( )	

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**100-41-4 ethylbenzene**

EC50 75 / (daphnia) (48 .)

**78-93-3 butanone**

EC50 2029 / ( ) (96 .)

308 / (daphnia) (48 .)

LC50 (96 .) 2993 / ( )

· 12.2

· 12.3

· 12.4

· 12.5

) vPvB (

PBT (

· PBT:

· vPvB:

· 12.6

**13**

· 13.1

080111

**14**

· 14.1 UN

· ADR, IMDG, IATA

UN1263

· 14.2

· ADR

· IMDG, IATA

UN1263

PAINT

640D

11)

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· 14.3

· ADR, IMDG, IATA



· : 3  
· : 3

· 14.4

· ADR, IMDG, IATA

II

· 14.5

· :

· 14.6

· :  
· ( ): 33  
· EMS: F-E, S-E  
· Stowage Category B

· 14.7

MARPOL73/78 ( II  
) IBC Code (  
)

· ADR

· (LQ) 5L : E2  
· (EQ) : 30  
· : 500

· 2  
· D/E

· IMDG

· Limited quantities (LQ) 5L  
· Excepted quantities (EQ) Code: E2  
Maximum net quantity per inner packaging: 30  
Maximum net quantity per outer packaging: 500

· UN "Model Regulation":

UN 1263  
640D, 3, II

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**15**

## · 15.1

1907/2006 1272/2008  
 2012/18/EU

1: 5000  
 2: 50000

## · P

## · 15.2

**16**

H225  
 H226  
 H302  
 H304  
 H312  
 H315  
 H317  
 H319  
 H332  
 H335  
 H336  
 H373

: 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

Skin Sens. 1: Skin sensitisation . Category 1

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

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STOT RE 2: Specific target organ toxicity (repeated exposure) . Category 2  
Asp. Tox. 1: Aspiration hazard . Category 1

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1272/2008/EC  
ECHA -  
INRS Fiche Toxicologique

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