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IVM Chemicals Srl

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

Environmental Health and safety office  
hseoffice@ivmchemicals.com

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8.30 17.30 0039 038 425 441

: 0039 0384 254491

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( ) 1272/2008



Flam. Liq. 2 H225



STOT RE 2 H373



Skin Irrit. 2 H315

Eye Irrit. 2 H319

STOT SE 3 H336

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(EC) 1272/2008

(CLP).



GHS02



GHS07



GHS08

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( 1)

isobutyl acetate  
xylene  
butanone  
toluene

H225  
H315  
H319  
H336  
H373

P210 / / /

P241 /

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.

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**PBT** ( ) **vPvB**

PBT:  
vPvB:

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CAS: 110-19-0 EINECS: 203-745-1 Reg.nr.: 01-2119488971-22-XXXX	isobutyl acetate Flam. Liq. 2, H225 STOT SE 3, H336	20-<25%
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%

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CAS: 78-93-3 EINECS: 201-159-0 Reg.nr.: 01-2119457290-43-XXXX	butanone ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	( 2) 5-9,99%
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	2,5-4,99%
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	2,5-<3%
Reg.nr.: 01-2120101675-63-XXXX	Reaction mass of Fatty acids, tall-oil, compds. with oleylamine and Fatty acids, C18-unsatd., trimers, compds. with oleylamine ⚠ STOT RE 2, H373 ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317	0,1-<0,5%

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		:	,
<b>1330-20-7 xylene</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>	
<b>100-41-4 ethylbenzene</b>			
PDK		: 150 /m <sup>3</sup>	
	/	: 50 /m <sup>3</sup>	
<b>108-88-3 toluene</b>			
PDK		: 150 /m <sup>3</sup>	
	/	: 50 /m <sup>3</sup>	

**DNEL**

<b>110-19-0 isobutyl acetate</b>			
( )	DNEL	243 /mc ( )	
	DNEL	4,95 / b w / d	( )
<b>1330-20-7 xylene</b>			
( )	DNEL acuto/agudo/ostre/ aigu/acute/akut	289 /mc ( )	

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	DNEL	77 /mc ( )	5)
	DNEL	180 / b w / d ( )	
<b>78-93-3 butanone</b>			
( )	DNEL	600 /mc ( )	
	DNEL	1161 / b w / d ( )	
<b>100-41-4 ethylbenzene</b>			
( )	DNEL acuto/agudo/ostre/aigu/acute/akut	293 /mc ( )	
	DNEL	77 /mc ( )	
	DNEL	180 / b w / d ( )	
<b>108-88-3 toluene</b>			
( )	DNEL acuto/agudo/ostre/aigu/acute/akut	384 /mc ( )	
	DNEL	192 /mc ( )	

**PNEC**

**110-19-0 isobutyl acetate**

PNEC Acqua dolce/water/woda sjo'dka/eau/agua	0,17 /L ( )
PNEC Suolo/earth/suelo/sol/gleba/	0,0755 / ( )

**1330-20-7 xylene**

PNEC Acqua dolce/water/woda sjo'dka/eau/agua	0,327 /L ( )
PNEC Suolo/earth/suelo/sol/gleba/	2,31 / ( )

**78-93-3 butanone**

PNEC Acqua dolce/water/woda sjo'dka/eau/agua	55,8 /L ( )
PNEC Suolo/earth/suelo/sol/gleba/	22,5 / ( )

**100-41-4 ethylbenzene**

PNEC Acqua dolce/water/woda sjo'dka/eau/agua	0,1 /L ( )
PNEC Suolo/earth/suelo/sol/gleba/	2,68 / ( )

**108-88-3 toluene**

PNEC Acqua dolce/water/woda sjo'dka/eau/agua	0,68 /L ( )
PNEC Suolo/earth/suelo/sol/gleba/	2,89 / ( )

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EN 374

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*pH:*

78 °C

-4 °C

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( 7)
): ( ,
: >300 °C
:
:
:
/
: 1,0 . % 11,5 . %
20 °C: 105
20 °C: 0,995 /cm <sup>3</sup>
:
:
/
): (n- /
: 20 °C: 55 s (ISO 6 mm)
( +
) 52,01 % · VOC (EC) 517,5 /
: 48,0 %
· 9.2

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**LD/LC50** ( / ),

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**110-19-0 isobutyl acetate**

( )	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)

**1330-20-7 xylene**

( )	LD50	3523 / (rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	2001 / (rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LC50/4	27,571 / (rat/szczur/mouse/souris/Maus/rat n)

**78-93-3 butanone**

( )	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)

**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)

**108-88-3 toluene**

( )	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)

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<b>110-19-0 isobutyl acetate</b>	
EC50	370 / ( ) (72 .)
	25 / (daphnia)
LC50 (96 .)	17 / ( )
<b>78-93-3 butanone</b>	
EC50	2029 / ( ) (96 .)
	308 / (daphnia) (48 .)
LC50 (96 .)	2993 / ( )
<b>100-41-4 ethylbenzene</b>	
EC50	75 / (daphnia) (48 .)
<b>108-88-3 toluene</b>	
EC50	134 / ( ) (96 .)
	3,78 / (daphnia) (48 .)
LC50 (96 .)	5,5 / ( )

· 12.2

Toluene CAS n. 108-88-3  
( OECD, EU RAR)

110-19-0	isobutyl acetate	.
1330-20-7	xylene	.
78-93-3	butanone	.
100-41-4	ethylbenzene	.
108-88-3	toluene	.

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· 12.4

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**PBT** (

) vPvB ( )

· PBT:

· vPvB:

· 12.6

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080111

**14**

· 14.1 **UN**  
· ADR, IMDG, IATA

UN1263

· 14.2  
· ADR  
· IMDG, IATA

UN1263 , . 640D  
PAINT

· 14.3  
· ADR, IMDG, IATA



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3

· 14.4  
· ADR, IMDG, IATA

II

· 14.5 :  
:

· 14.6

: ( ):  
· EMS:  
· Stowage Category

33  
F-E, S-E  
B

· 14.7  
**MARPOL73/78** ( II  
) **IBC Code** (  
)

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**TO800/10**

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**· ADR**

(LQ)

5L

(EQ)

: E2

: 30

: 500

2

D/E

**· IMDG**

· Limited quantities (LQ)

· Excepted quantities (EQ)

5L

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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1907/2006 1272/2008  
2012/18/EU

1: 5000

2: 50000

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H225

H226

H302

H304

H312

H315

H317

H319

H332

H335

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H336

H361d

H373

H412

: 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  
 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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