

: 22.01.2016

: 22.01.2016

**1:**

· 1.1

PZS205

: **Effetto Cromo**

· 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



Eye Irrit. 2 H319  
STOT SE 3 H336

· 2.2

(EC) 1272/2008

(CLP).



GHS02



GHS07

ethyl acetate  
butanone

H225  
H319  
H336

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**PZS205**  
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P210 / / / ..  
P241 /  
P303+P361+P353 ( ):  
P305+P351+P338 : /  
P405  
P501 /  
**2.3** PBT ( ) vPvB  
PBT:  
vPvB:

**3:** /

**3.2** :

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	50-69,99%
CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29-XXXX	2-methoxy-1-methylethyl acetate Flam. Liq. 3, H226	30-39,99%
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	1-2,499%

16.

**4:**

**4.1**

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· 4.2  
· 4.3

**5:**

· 5.1  
· 5.2  
· 5.3

**6:**

· 6.1  
· 6.2  
· 6.3  
· 6.4

**7:**

· 7.1

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**PZS205**  
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7.2

7.3

8:

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**141-78-6 ethyl acetate**

PDK : 200 /m<sup>3</sup>  
: 50 /m<sup>3</sup>

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

PDK : 10 /m<sup>3</sup>

**78-93-3 butanone**

PDK : 400 /m<sup>3</sup>  
: 200 /m<sup>3</sup>

**DNEL**

**141-78-6 ethyl acetate**

( )	DNEL	4,5 / bw/d (popolazione)
( )	DNEL acuto/agudo/ostre/aigu/acute/akut	1468 /mc ( )
		734 /mc (popolazione)
	DNEL	734 /mc ( )

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		367 /mc (popolazione) 63 / bw/d ( ) 37 / bw/d (popolazione)
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>		
( )	DNEL	275 /mc ( )
	DNEL	153,5 / b w / d ( )
<b>78-93-3 butanone</b>		
( )	DNEL	600 /mc ( )
	DNEL	1161 / b w / d ( )

**PNEC**

**141-78-6 ethyl acetate**

PNEC Acqua dolce/water/woda sjo'dka/eau/agua	0,26 /L ( )
PNEC Suolo/earth/suelo/sol/gleba/	0,24 / ( )

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

PNEC Acqua dolce/water/woda sjo'dka/eau/agua	0,635 /L ( )
PNEC Suolo/earth/suelo/sol/gleba/	0,29 / ( )

**78-93-3 butanone**

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

**8.2**



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**9:**

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pH:

77 °C

-4 °C

315 °C



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**11:**

· 11.1

LD/LC50 ( / ),		
<b>141-78-6 ethyl acetate</b>		
( )	LD50	4934 / (rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LD50	20001 / (Con)
( )	LC50/4	1600 / (rat/szczur/mouse/souris/Maus/rat n)
	LC0	22,6 ppm (mouse)
<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>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

LD/LC50 ( / ),	
<b>141-78-6 ethyl acetate</b>	
EC50	165 / (daphnia) (48 .)
LC50 (96 .)	230 / ( )
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>	
EC50	1001 / ( ) (72 .)
	501 / (daphnia) (48 .)
LC50 (96 .)	134 / ( )
<b>78-93-3 butanone</b>	
EC50	2029 / ( ) (96 .)
	308 / (daphnia) (48 .)
LC50 (96 .)	2993 / ( )

· 12.2

· 12.3

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· 12.4

· 12.5

· PBT:

· vPvB:

· 12.6

PBT (

) vPvB (

)

8)

**13:**

· 13.1

080111

**14:**

· 14.1

**UN**

· ADR, IMDG, IATA

UN1263

· 14.2

· ADR

· IMDG

· IATA

UN1263

PAINT

Paint

640D

· 14.3

· ADR, IMDG, IATA



3

3

· 14.4

· ADR, IMDG, IATA

II

· 14.5

· 14.6

EMS:

( ): 33

F-E, S-E

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· *Stowage Category* B

· 14.7

II

MARPOL73/78 (

) IBC Code (

)

· ADR

(LQ)

5L

(EQ)

: E2

: 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

**15:**

· 15.1

96/82/EC

1: 5000

2: 50000

1907/2006 1272/2008

· P

161/2006 (2004/42/EC)-

· 15.2

**16:**

( 11)

**PZS205**  
**: Effetto Cromo**

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H225  
 H226  
 H319  
 H336

: 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, Hazard Category 2

Flam. Liq. 3: Flammable liquids, Hazard Category 3

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

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

1999/45/EC

67/548/

ECHA -

INRS Fiche Toxicologique

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