

: 16.07.2015

: 16.07.2015

**1:**

· 1.1

TV80

· 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



Org. Perox. CD H242



Skin Corr. 1B H314  
Eye Dam. 1 H318



Acute Tox. 4 H302  
Acute Tox. 4 H332

67/548/EEC

1999/45/EC



R34:



R22:



R7:

: 16.07.2015

: 16.07.2015

**TV80**

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( : " 1)

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**2.2**

(EC) 1272/2008

(CLP).



GHS02



GHS05



GHS07

2-Butanone, peroxide

H242

H302+H332

H314

P210

/

/

/

P303+P361+P353

(

):

P305+P351+P338

:

P310

:

P410

/

P501

/

**2.3**

**PBT** (

) **vPvB**

(

)

· **PBT:**

· **vPvB:**

**3:**

/

**3.2**

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3)

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




: 16.07.2015

: 16.07.2015

**TV80**

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( 2)

CAS: 131-11-3 EINECS: 205-011-6 Reg.nr.: 01-2119437229-36-XXXX	dimethyl phthalate	50-69,99%
CAS: 1338-23-4 EINECS: 215-661-2 Reg.nr.: 01-2119514691-43-XXXX	2-Butanone, peroxide  C R34  Xn R22  O R7  Org. Perox. CD, H242  Acute Tox. 3, H331  Skin Corr. 1B, H314  Acute Tox. 4, H302; Acute Tox. 4, H312	30-39,99%
CAS: 78-93-3 EINECS: 201-159-0 Reg.nr.: 01-2119457290-43-XXXX	butanone  Xi R36  F R11 R66-67  Flam. Liq. 2, H225  Eye Irrit. 2, H319; STOT SE 3, H336	2,5-4,99%

16.

**4:**

**4.1**

48

**4.2**

11

**4.3**

: 16.07.2015

: 16.07.2015

**TV80**

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( 3)

**5:**

· 5.1

· 5.2

· 5.3

**6:**

· 6.1

· 6.2

· 6.3

· 6.4

**7:**

· 7.1

· 7.2

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: 16.07.2015

: 16.07.2015

**TV80**

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( 4)

7.3

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**8:**

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8.1

**131-11-3 dimethyl phthalate**

PDK : 1 /m<sup>3</sup>  
: 0,3 /m<sup>3</sup>

+

**78-93-3 butanone**

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

/

**DNEL**

**78-93-3 butanone**

( )	DNEL 600 /mc ( )
	DNEL 1161 / bw/d ( )

**PNEC**

**78-93-3 butanone**

PNEC Acqua dolce/water/woda sjo'dka/eau/agua	284,74 /L ( )
PNEC Suolo/earth/suelo/sol/gleba/	22,5 / ( )

8.2

**TV80**

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( )

/  
EN 374

89/686/



**9:**

9.1

**pH:**

79 °C

100 °C

514 °C

**TV80**

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( 6)

	:	
	:	
	:	
	:	
	:	1,8 %
	:	11,5 %
	20 °C:	105
	20 °C:	1,1 /cm²
	:	:
	:	:
	:	:
	/	
	:	
	:	
	:	
	20 °C:	30 s (ISO 3 mm)
	:	
	:	
	:	3,00 %
	:	2,0 %
	VOC (EC)	33,0 /
	:	95,0 % (EU regulations)
9.2	:	

**10:**

10.1

10.2

/ , :

10.3

10.4

10.5

10.6

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( 8)

: 16.07.2015

: 16.07.2015

**TV80**

( 7)

**11:**

· 11.1

LD/LC50 ( / ),

**131-11-3 dimethyl phthalate**

( )	LD50	2500	/	(rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	24	/	(rabbit/kr lik/Kaninchen/conejo/lapin)

**78-93-3 butanone**

( )	LD50	3300	/	(rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	5001	/	(rabbit/kr lik/Kaninchen/conejo/lapin)

**12:**

· 12.1

**78-93-3 butanone**

EC50	2029	/	( )	(96 .)
	308	/	(daphnia)	(48 .)
	2993	/	( )	(96 .)

· 12.2

· 12.3

· 12.4

1 ( - ):

· 12.5

) vPvB ( PBT ( ) )

· PBT:

· vPvB:

9)

RU



: 16.07.2015

: 16.07.2015

TV80

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· 12.6

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8)

**13:**

· 13.1

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080111

**14:**

· 14.1

UN

· ADR, IMDG, IATA

UN3105

· 14.2

· ADR

UN3105

D

( ), 2-Butanone, peroxide)

· IMDG, IATA

ORGANIC PEROXIDE TYPE D, LIQUID (ETHYL METHYL KETONE (METHYL ETHYL KETONE), 2-Butanone, peroxide)

· 14.3

· ADR, IMDG, IATA



5.2

5.2

· 14.4

· ADR, IMDG, IATA

· 14.5

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:

· 14.6

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RU

: 16.07.2015

: 16.07.2015

**TV80**

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( 9)

**EMS:**

F-J,S-R

· 14.7

II

MARPOL73/78 (

) IBC Code (

)

· ADR

(LQ)

125

(EQ)

: E0

2

D

· IMDG

· Limited quantities (LQ)

125

· Excepted quantities (EQ)

Code: E0

Not permitted as Excepted Quantity

· UN "Model Regulation":

UN3105,

D

( ), 2-Butanone,  
peroxide), 5.2

**15:**

· 15.1

1907/2006 1272/2008

· P

161/2006 (2004/42/EC)-

· 15.2

**16:**

H225

H242

H302

H312

H314

11)

RU

: 16.07.2015

: 16.07.2015

## TV80

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( 10)

H319

H331

H336

R11

R22

R34

R36

R66

R67

R7

: 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

Org. Perox. CD: Organic Peroxides, Types C, D

Acute Tox. 4: Acute toxicity, Hazard Category 4

Acute Tox. 3: Acute toxicity, Hazard Category 3

Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

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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RU