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IVM Chemicals Srl
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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



Eye Irrit. 2 H319
Skin Sens. 1 H317
STOT SE 3 H336

· 2.2

(EC) 1272/2008

(CLP).



GHS02 GHS07

Aromatic polyisocyanate
ethyl acetate
Aromatic polyisocyanate
n-butyl acetate

: 22.03.2017

: 22.03.2017

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H225
H319
H317
H336

P210 / / / ..

P241 /

P303+P361+P353 ():

P305+P351+P338 :

P405
P501 /

EUH204

· 2.3

PBT ()

) vPvB

· PBT:
· vPvB:

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· 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 | 30-39,99% |
| 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 | 20-<25% |
| CAS: 9017-01-0 | Aromatic polyisocyanate ⚠ Eye Irrit. 2, H319; Skin Sens. 1, H317 | 20-<25% |
| 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% |
| CAS: 53317-61-6 | Aromatic polyisocyanate ⚠ Eye Irrit. 2, H319; Skin Sens. 1, H317 | 5-9,99% |

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141-78-6 ethyl acetate

PDK

: 200 /m³

: 50 /m³

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: 22.03.2017

: 22.03.2017

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123-86-4 n-butyl acetate

| | |
|-----|-----------------------|
| PDK | : 200 /m ³ |
| | : 50 /m ³ |
| / | |

DNEL

141-78-6 ethyl acetate

| | | |
|-----|--|-----------------------------|
| () | DNEL | 4,5 / b w / d (popolazione) |
| () | DNEL acuto/agudo/ostre/aigu/acute/akut | 1468 /mc () |
| | | 734 /mc (popolazione) |
| | DNEL | 734 /mc () |
| | | 367 /mc (popolazione) |
| | DNEL | 63 / b w / d () |
| | | 37 / bw/d (popolazione) |

123-86-4 n-butyl acetate

| | | |
|-----|--|--------------------------|
| () | DNEL acuto/agudo/ostre/aigu/acute/akut | 960 /mc () |
| | | 859,7 /mc (popolazione) |
| | DNEL | 480 /mc () |
| | | 102,34 /mc (popolazione) |

110-19-0 isobutyl acetate

| | | |
|-----|------|--------------------|
| () | DNEL | 243 /mc () |
| | DNEL | 4,95 / b w / d () |

26471-62-5 m-tolylidene diisocyanate

| | | |
|-----|--|---------------|
| () | DNEL acuto/agudo/ostre/aigu/acute/akut | 0,14 /mc () |
| | DNEL | 0,035 /mc () |

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 / () |

123-86-4 n-butyl acetate

| | |
|--|--------------|
| PNEC Acqua dolce/water/woda sjo'dka/eau/agua | 0,18 /L () |
| PNEC Suolo/earth/suelo/sol/gleba/ | 0,0903 / () |

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 / () |

26471-62-5 m-tolylidene diisocyanate

| | |
|--|--------------|
| PNEC Acqua dolce/water/woda sjo'dka/eau/agua | 0,013 /L () |
| PNEC Suolo/earth/suelo/sol/gleba/ | 1,1 / () |

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: 22.03.2017

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EN 374

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pH:

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LD/LC50 (/),

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141-78-6 ethyl acetate

| | | |
|-----|--------|--|
| () | 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) |

123-86-4 n-butyl acetate

| | | |
|-----|--------|--|
| () | 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) |

9017-01-0 Aromatic polyisocyanate

| | | |
|-----|------|--|
| () | LD50 | 2001 / (rat/szczur/mouse/souris/Maus/rat n) (OECD TG 423) |
|-----|------|--|

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) |

53317-61-6 Aromatic polyisocyanate

| | | |
|-----|------|---|
| () | LD50 | 5001 / (rat/szczur/mouse/souris/Maus/rat n) |
|-----|------|---|

26471-62-5 m-tolylidene diisocyanate

| | | |
|-----|--------|---|
| () | LD50 | 5110 / (rat/szczur/mouse/souris/Maus/rat n) |
| () | LD50 | 9401 / (rabbit/kr lik/Kaninchen/conejo/lapin) |
| () | LC50/4 | 0,107 / (rat/szczur/mouse/souris/Maus/rat n) |

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: 22.03.2017

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|---|----------------------------------|
| : | |
| 141-78-6 ethyl acetate | |
| EC50 | 165 / (daphnia) (48 .) |
| LC50 (96 .) | 230 / () |
| 123-86-4 n-butyl acetate | |
| EC50 | 648 / () (72 .) |
| | 44 / (daphnia) (48 .) |
| LC50 (96 .) | 18 / () |
| 110-19-0 isobutyl acetate | |
| EC50 | 370 / () (72 .) |
| | 25 / (daphnia) |
| LC50 (96 .) | 17 / () |
| 26471-62-5 m-tolylidene diisocyanate | |
| EC50 | 12,5 / (daphnia) (48 .) |
| LC50 (96 .) | 133 / (Leuciscus idus melanotus) |

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) vPvB (PBT ()

· PBT:

· vPvB:

· 12.6

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· 14.1

UN

· ADR, IMDG, IATA

UN1263

· 14.2

· ADR

UN1263

· IMDG, IATA

PAINT

640D

· 14.3

· ADR, IMDG, IATA



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3

· 14.4

· ADR, IMDG, IATA

II

· 14.5

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· 14.6

· ():

33

· EMS:

F-E, S-E

· Stowage Category

B

· 14.7

II

MARPOL73/78 (

) IBC Code (

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: 22.03.2017

: 22.03.2017

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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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· **15.1**

1907/2006 1272/2008
2012/18/EU

1: 5000

2: 50000

· **P**

· **15.2**

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H225

H226

H317

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)

(12)

: 22.03.2017

: 22.03.2017

TX11

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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
 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

1272/2008/EC

ECHA -

INRS Fiche Toxicologique

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