

1:

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: Shopprimer EPF \_\_\_\_\_

. 1.2

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2-

. 1.3

Nor-Maali Oy  
Vanhatie 20,15240 Lahti, FINLAND

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Nor-Maali Oy ( - 08.00 16.00):+ 358 3 874 650 ( )

2:

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( ) 1272/2008



Flam. Liq. 2 H225



Repr. 2 H361d  
STOT RE 2 H373

Asp. Tox. 1 H304



Skin Irrit. 2 H315  
Eye Irrit. 2 H319

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(EC) 1272/2008

(CLP).



GHS02



GHS07



GHS08

: Shopprimer EPF

( 1)

- H225
- H315
- H319
- H361d
- H373
  
- H304
  
- P210 / / / / / / /
- P260 / / / / / / /
- P280 / / / / / / /
- P301+P310 : / /
  
- P331
- P403+P233
  
- EUH208 , -18

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PBT ( ) vPvB ( )

- . PBT:
- . vPvB:

**3: ( )**

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CAS: 108-88-3 EINECS: 203-625-9	Flam. Liq. 2, H225; Repr. 2, H361d; STOT RE 2, H373; Asp. Tox. 1, H304; Skin Irrit. 2, H315; STOT SE 3, H336	10 - 25%
CAS: 78-93-3 EINECS: 201-159-0	Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	10 - 25%
CAS: 1330-20-7 EINECS: 215-535-7	Flam. Liq. 3, H226; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	10 - 25%
CAS: 64-17-5 EINECS: 200-578-6	Flam. Liq. 2, H225	2,5 - 10%
CAS: 100-41-4 EINECS: 202-849-4	Flam. Liq. 2, H225; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H332	2,5 - 10%
CAS: 147900-93-4 : 604-612-4	-18 STOT RE 1, H372; Aquatic Chronic 2, H411; Skin Sens. 1, H317	< 0,3%
CAS: 85711-55-3 EINECS: 288-315-1	STOT RE 2, H373; Eye Dam. 1, H318; Skin Sens. 1, H317	< 0,2%

16.



: Shopprimer EPF

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**8:**

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<b>108-88-3</b>	
HTP	: 380 /m <sup>3</sup> , 100 ppm : 81 /m <sup>3</sup> , 25 ppm
PDK	: 150 /m <sup>3</sup> : 50 /m <sup>3</sup>
<b>78-93-3</b>	
HTP	: 300 /m <sup>3</sup> , 100 ppm
PDK	: 400 /m <sup>3</sup> : 200 /m <sup>3</sup>
<b>1330-20-7</b>	
HTP	: 440 /m <sup>3</sup> , 100 ppm : 220 /m <sup>3</sup> , 50 ppm
PDK	: 150 /m <sup>3</sup> : 50 /m <sup>3</sup>

: Shopprimer EPF

<b>64-17-5</b>	
HTP	: 2500 /m <sup>3</sup> , 1300 ppm : 1900 /m <sup>3</sup> , 1000 ppm
PDK	: 2000 /m <sup>3</sup> : 1000 /m <sup>3</sup>
<b>100-41-4</b>	
HTP	: 880 /m <sup>3</sup> , 200 ppm : 220 /m <sup>3</sup> , 50 ppm
PDK	: 150 /m <sup>3</sup> : 50 /m <sup>3</sup>
<b>108-88-3</b>	
BNV	500 nmol/
<b>1330-20-7</b>	
BNV	5,0 mmol/
<b>100-41-4</b>	
BNV	5,2 mmol/

HTP

538/2018

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P2 (Ib).



EN374.

: Viton®, 4H, Teflon,

, PE,

: Shopprimer EPF

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9: -	
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pH:	
	: 78 °C
	-6 °C
): ( ,	
	425 °C
	1,1 .%
	11,5 .%
20 °C:	105
20 °C:	1,3 /cm <sup>3</sup>
): (n- /	

: Shopprimer EPF

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**11:**

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LD/LC50 ( / ),	:
<b>108-88-3</b>	
( ) LD50 5.000 / (rat)	
( ) LD50 12.124 / (rabbit)	
( ) LC50/4 5.320 / (mouse)	
<b>78-93-3</b>	
( ) LD50 3.300 / (rat)	
( ) LD50 5.000 / (rabbit)	
<b>1330-20-7</b>	
( ) LD50 4.300 / (rat)	
( ) LD50 3.200 / (rabbit)	
( ) LC50/4 21,7 / (rat)	
<b>64-17-5</b>	
( ) LD50 7.060 / (rat)	
( ) LC50/4 20.000 / (rat)	
<b>100-41-4</b>	
( ) LD50 3.500 / (rat)	
( ) LD50 17.800 / (rabbit)	

: Shopprimer EPF

2B, IARC),

12:

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<b>108-88-3</b>	
96-h LC50	5,8 /L (Oncorhynchus mykiss)
48-h LC50	3,78 /L (Ceriodaphnia dubia)
<b>1330-20-7</b>	
48-h EC50	165 /L (Daphnia magna)
96-h LC50	26,7 /L (Pimephales promelas)
48-h LC50	86 /L (Leuciscus idus melanotus)
<b>64-17-5</b>	
96-h LC50	11.200 /L (Oncorhynchus mykiss)
<b>100-41-4</b>	
48-h EC50	7,2 /L (Daphnia magna)
96-h LC50	4,2 /L (Oncorhynchus mykiss)

. 12.2

80 %, 4 (OECD TG 301)

. 12.3

: LogPow = 2,73 ( )

: LogPow = 3,12 ( )

: LogPow = -0,35 ( )

: LogPow = 3,15 ( )

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. 12.5

PBT ( )

) vPvB

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. PBT:

. vPvB:

. 12.6

13:

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: Shopprimer EPF

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**14: ( )**

. 14.1	UN	
. ADR, IMDG, IATA		UN1263
. 14.2		
. ADR		
. IMDG, IATA		PAINT
. 14.3		
. ADR, IMDG, IATA		
		
		3
. 14.4		
. ADR, IMDG, IATA		II
. 14.5	:	
. 14.6		
. 14.7		
	II MARPOL73/78 (	
	) IBC Code (	
	)	
-----		
. ADR		
	(LQ)	5L
		2
		D/E
-----		
. IMDG		EMS: F-E, S-E
. Limited quantities (LQ)		5L
. UN "Model Regulation":		UN1263, , 3, II

**15:**

. 15.2 :

**16:**

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: Shopprimer EPF

( 9)

- H225
- H226
- H304
- H312
- H315
- H317
- H318
- H319
- H332
- H336
- H361d
- H372
- H373

H411

: Nor-Maali Oy, +358 3 874 650 sds@nor-maali.fi

- 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 Dam. 1: Serious eye damage/eye irritation – Category 1
- 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 1: Specific target organ toxicity (repeated exposure) – Category 1
- STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
- Asp. Tox. 1: Aspiration hazard – Category 1
- Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

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