



**30333-2007**

: 06.08.2018

B' 4

: 11.07.2018

\* **1**

· **1.1**

**: TRW Hydraulic Fluid synthetic SSF**

: PFS801

· **1.2**

· **1.3**

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· **1.4**

Giftnotruf Muenchen  
Tel: +49 (0)89-19240

\* **2**

( )

· **2.1**

( ) **1272/2008**



1 H304



4 H332

5 H313

· **2.2**

(EC) **1272/2008**

(CLP).

2)



: 2/11

30333-2007

: 06.08.2018

B' 4

: 11.07.2018

**: TRW Hydraulic Fluid synthetic SSF**

( 1)



GHS07 GHS08

-1-  
( ),

H313  
H332  
H304

P102  
P260  
P301+P310

P331  
P304+P340

P501 Dispose of contents/container in accordance with local / regional / national / international regulations.

**2.3**

**PBT** ( )

**vPvB** ( )

**PBT:**

**vPvB:**

**\* 3** ( )

**3.2** :

72623-86-0	, C15-30	25 - 50%
68649-11-6	-1- 5, H313	25 - 50%
	1, H304; 4, H332; 5, H313	

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: 3/11

30333-2007

: 06.08.2018

B' 4

: 11.07.2018

**: TRW Hydraulic Fluid synthetic SSF**

64742-46-7	( ),	1, H304; 4, H227;	3, H336; 5, H313	10 - 25%
125643-61-0	reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate	5, H303; 4, H413	5, H313;	< 2,5%
				16.

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**30333-2007**

: 06.08.2018

B' 4

: 11.07.2018

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**: TRW Hydraulic Fluid synthetic SSF**

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- 5.2 , ( 3)  
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- 5.3 :  
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**6**

- 6.1 ,  
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- 6.2 : /  
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- 6.3 / :  
( ) , -  
- 6.4 - 7. - 8.  
- 13.

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**7**

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- 7.1 / / :  
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- 7.2 , , :  
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( 5)

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: 5/11

30333-2007

: 06.08.2018

B' 4

: 11.07.2018

**: TRW Hydraulic Fluid synthetic SSF**

( ) 4)

· 7.3 ( )

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· 8.1

<b>DNEL</b>			
<b>68649-11-6</b>	<b>-1-</b>		
( )	DNEL (worker, short-term, systemic)	60	/m <sup>3</sup> ( )
	DNEL (consumer, short-term, systemic)	50	/m <sup>3</sup> ( )
<b>64742-46-7</b>	<b>( )</b> ,		
( )	DNEL (consumer, long-term, systemic)	1,3	/ bw/day ( )
( )	DNEL (worker, long-term, systemic)	2,9	/ bw/day ( )
( )	DNEL (worker, short-term, systemic)	5.003	/m <sup>3</sup> ( )
	DNEL (worker, long-term, systemic)	16,4	/m <sup>3</sup> ( )
<b>PNEC</b>			
<b>64742-46-7</b>	<b>( )</b> ,		
PNEC oral	17.000	/	food (.)

· 8.2

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: 6/11

30333-2007

: 06.08.2018

B' 4

: 11.07.2018

**: TRW Hydraulic Fluid synthetic SSF**

( 5)

A/P2.

: 0,2

**9**

9.1

**pH:**

- 55 °C

250 - 380 °C

> 150 °C

> 350 °C

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### 30333-2007

: 06.08.2018

B´ 4

: 11.07.2018

## : TRW Hydraulic Fluid synthetic SSF

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·	:
·	:
·	:
·	:
·	:
·	:
·	:
·	20 °C:
·	0,84 - 0,89 /cm³
·	:
·	:
·	40 °C:
·	16 - 20 mm²/s
·	· 9.2

## 10

- 10.1
- 10.2
- 10.3
- 10.4
- 10.5
- 10.6

## \* 11

- 11.1



: 8/11

30333-2007

: 06.08.2018

B' 4

: 11.07.2018

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( 7)

LD/LC50 ( / ),	
<b>68649-11-6</b>	<b>-1-</b>
( )	LD50 > 5.000 / ( ) (16 CFR 1500)
( )	LD50 > 3.000 / ( ) (OECD 402)
( )	LC50 > 1,81 / /4 . ( ) (OECD 403)
<b>64742-46-7</b>	<b>( ),</b>
( )	LD50 > 5.000 / ( ) (OECD 401)
( )	LD50 > 2.000 / ( ) (OECD 402)
( )	LC50 4,6 / /4 . ( ) (OECD 403)

<b>68649-11-6</b>	<b>-1-</b>
( )	NOAEL (90d) 4.159 / bw/day ( ) (OECD 408)

**12**

**12.1**

<b>68649-11-6</b>	<b>-1-</b>
EC50 ( )	> 1.000 / /48 . (Daphnia magna) (OECD 202)
LC50	> 1.000 / /96 . (Oncorhynchus mykiss) (OECD 203)
EC50 ( )	> 1.000 / /72 . (Selenastrum capricornutum)
<b>64742-46-7</b>	<b>( ),</b>
EC50	7,38 / /48 . (Daphnia magna) (QSAR)
LC50	65 / /96 . (Oncorhynchus mykiss) (OECD 203)

**12.2**

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RU





: 9/11

30333-2007

: 06.08.2018

B' 4

: 11.07.2018

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- 12.3 ( 8)
- 12.4
- 12.5 PBT ( ) vPvB ( )
- PBT:
- vPvB:
- 12.6

**13 ( )**

- 13.1
- 
- 
- 

**14 ( )**

· 14.1 UN · ADR, ADN, IMDG, IATA
· 14.2 · ADR, ADN, IMDG, IATA
· 14.3 · ADR, ADN, IMDG, IATA
· 14.4 · ADR, IMDG, IATA
· 14.5 : · :

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: 10/11

30333-2007

: 06.08.2018

B' 4

: 11.07.2018

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		(	9)
· 14.6			
· 14.7			
MARPOL73/78 (		II	
) IBC Code (			
)			
· /			
:			
· UN "Model Regulation":			

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· 15.2			
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16

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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)

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

( 11)

RU



: 11/11

**30333-2007**

: 06.08.2018

B' 4

: 11.07.2018

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**: TRW Hydraulic Fluid synthetic SSF**

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- 4: Flammable liquids – Category 4 ( 10)
- 5: Acute toxicity – Category 5
- 4: Acute toxicity – Category 4
- 3: Specific target organ toxicity (single exposure) – Category 3
  - 1: Aspiration hazard – Category 1
  - 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4
- . \*

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