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: PFC 105 E

TRW KFZ Ausrüstung GmbH  
Rudolf-Diesel-Str.7  
D-56566 Neuwied  
Tel. +49 (0) 2631 / 912 - 0  
Fax +49 (0) 2631 / 912 - 110  
www.trwaftermarket.com  
marketing.germany@trw.com

: Tel.: +49 (0) 2631 / 912 - 0

Giftnotruf Muenchen  
Tel: +49 (0) 89 -19 240 (24 h)

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1 H222-H229



1 H304

5 H313

3 H412

GHS

GHS (

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UA

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GHS02 GHS08

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

H222-H229

H313  
H304  
H412

P210 / /

P251

P211  
P273  
P301+P310

P312

P331  
P405  
P410+P412  
P501 / / /

50°C.

**PBT vPvB**

**PBT** ( , , ):

**vPvB** ( , , ):

**3** /

	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane 2, H225; 1, H304	50 - 100%
124-38-9	carbon dioxide H280	3-<10%
110-54-3	n-hexane 2, H225; 2, H361; STOT 2, H373; 1, H304; 2, H411; 2, H315; STOT 3, H336	2,5-<3%

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1907/2006/ ,

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Indicative Occupational Exposure Limit Values,

<b>124-38-9 carbon dioxide</b>	
PDK (RU)	: 9000 mg/m <sup>3</sup> : 27000 mg/m <sup>3</sup>
IOELV (EU)	: 9000 mg/m <sup>3</sup> , 5000 ppm
<b>110-54-3 n-hexane</b>	
PDK (RU)	: 900 mg/m <sup>3</sup> : 300 mg/m <sup>3</sup>
IOELV (EU)	: 72 mg/m <sup>3</sup> , 20 ppm
<b>DNEL ( )</b>	
<b>Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, &lt;5% n-hexane</b>	
DNEL (consumer, long-term, systemic)	699 mg/kg bw/day ( )
DNEL (worker, long-term, systemic)	773 mg/kg bw/day ( )
DNEL (consumer, long-term, systemic)	699 mg/kg bw/day ( )
DNEL (worker, long-term, systemic)	2035 mg/m <sup>3</sup> ( )
DNEL (consumer, long-term, systemic)	608 mg/m <sup>3</sup> ( )

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0,4

480



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pH:

< 0 °C

328 °C

1,1 Vol %  
12,0 Vol %

20 °C:

8300 hPa

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LD/

LC50,

**Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane**

LD50 > 5840 mg/kg ( )

LD50 > 2800 mg/kg ( )

LC50 > 25,2 mg/l/4h ( )

**110-54-3 n-hexane**

LD50 > 16000 mg/kg ( ) (OECD 401)

LD50 > 2000 mg/kg ( )

LC50 > 17600 mg/l/24h ( ) (OECD 403)

**Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane**

NOAEC (90d) 24300 mg/m<sup>3</sup> ( ) (OECD 413)

**110-54-3 n-hexane**

NOAEL (90d) 1135 mg/kg bw/day ( )

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NOAEC (90d) 1760 mg/m<sup>3</sup> ( ) (OECD 413)

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<b>Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, &lt;5% n-hexane</b>	
EC50 ( )	3 mg/l/48h (Daphnia magna) (OECD 202)
LC50	11,4 mg/l/96h (Oncorhynchus mykiss) (OECD 203)
EC50 ( )	> 10 mg/l/72h (Pseudokirchneriella subcapitata) (OECD 201)

1 ( ):

**PBT vPvB**

· **PBT** ( , ):

· **vPvB** ( , ):

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· **ADR, IMDG, IATA** UN1950

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· ADR (

( )) 1950 , ENVIRONMENTALLY HAZARDOUS

· IMDG (

) AEROSOLS (Naphtha (petroleum), hydrotreated light), MARINE POLLUTANT

· IATA (

) AEROSOLS, flammable

· ADR (

( ))



2 5F

2.1

· IMDG (

)



2.1

2.1

· IATA (

)



2.1

2.1

· ADR, IMDG, IATA

· :  
· :

(ADR): ( )

· EMS (

· Stowage Code

): F-D,S-U  
SW1 Protected from sources of heat.  
SW22 For AEROSOLS with a maximum

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· **Segregation Code**

capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters. SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.

73/78 (

II MARPOL

IBC (

· **ADR (**

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· **Regulation"):**

(UN "Model

UN 1950 , 2.1, ENVIRONMENTALLY HAZARDOUS

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GHS

GHS (



GHS02



GHS08

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

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**: PFC 105 E**

( 10)

H222-H229 :

H313 ,

H304 .

H412 .

**16**

H225

H280 ;

H304 ;

H315 ;

H336 ;

H361 ;

H373 ;

H411 ;

Services GmbH, Hanomagstr. 12, D-30449 Hannover,  
0, reach@dekra.com.  
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DEKRA Assurance  
: (+49) 511 42079 -

DEKRA Assurance Services GmbH.

- 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
- 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)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
  - 1: Aerosols – Category 1
  - 2: Gases under pressure – Liquefied gas
  - 2: Flammable liquids – Category 2
  - 5: Acute toxicity – Category 5
  - 2: Skin corrosion/irritation – Category 2
  - 2: Reproductive toxicity – Category 2
  - 3: Specific target organ toxicity (single exposure) – Category 3
  - 2: Specific target organ toxicity (repeated exposure) – Category 2
  - 1: Aspiration hazard – Category 1
  - 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
  - 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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