

* **1:** /

· 1.1 : **PFC 105 E**

· 1.2 ,

· 1.3 / :

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· 1.4 :


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

2:

· 2.1 () **1272/2008**

 **GHS02**
Aerosol 1 H222-H229

 **GHS09**
Aquatic Chronic 2 H411

 **GHS07**
Skin Irrit. 2 H315

(.2)
BG

: PFC 105 E

STOT SE 3 H336

Asp. Tox. 1 H304

2.2

() 1272/2008

(CLP).



GHS02



GHS07



GHS09

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

H222-H229

H315
H336
H411

P210

P251
P260
P211
P280

P271
P302+P352
P304+P340

P312

P410+P412

50 °C/122 °F.

2.3

PBT vPvB

PBT:

vPvB:

3:

3.2

.3)

BG

: PFC 105 E

(.2)		
E : 921-024-6 Reg.nr.: 01-2119475514-35-X	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane ⚠ Flam. Liq. 2, H225; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; STOT SE 3, H336	50 - 100%
CAS: 124-38-9 EINECS: 204-696-9	carbon dioxide ⚠ Press. Gas L, H280	3-<10%
CAS: 110-54-3 EINECS: 203-777-6 Reg.nr.: 01-2119480412-44-X	n- ⚠ Flam. Liq. 2, H225; ⚠ Repr. 2, H361f; STOT RE 2, H373; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; STOT SE 3, H336	2,5-<3%
16.		

4:

4.1

4.3

5:

5.1

5.2

(.4)
BG

1907/2006/EO,

31

: 04.08.2016

5

: 04.08.2016

: PFC 105 E

(.5)



0,4

480



9:

· 9.1

· pH-

< 0 °C

: 328 °C

1,1 %
12,0 %

20 °C: 8300

(.7)

BG

: PFC 105 E

(.6)

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.	/
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.	(n-
/):
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.	:
.	:
9.2	.

10:

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

11:

- 11.1

LD/LC50 (/

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

LD50	> 5840	/ ()
LD50	> 2800	/ ()
LC50	> 25,2	/ /4 . ()

110-54-3 n-

LD50	> 16000	/ () (OECD 401)
LD50	> 2000	/ ()
LC50	> 17600	/ /24 . () (OECD 403)

(.8)

BG

: PFC 105 E

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane		
NOAEC (90d)	24300	/m ³ () (OECD 413)
110-54-3 n-		
NOAEL (90d)	1135	/ bw/day ()
NOAEC (90d)	1760	/m ³ () (OECD 413)

· **CMR-**

12:

· **12.1**

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

· **12.2**

· **12.3**

· **12.4**

1 ():

· **12.5**

· **PBT:**

· **vPvB:**

PBT vPvB

: PFC 105 E

· 12.6 (.8)

13:

· 13.1

16 00 00	
16 05 00	
16 05 04*	()
14 00 00	(07 08)
14 06 00	/
14 06 03*	
15 00 00	;
15 01 00	()
15 01 11*	()

14:

· 14.1

· ADR, IMDG, IATA

UN1950

· 14.2

· ADR

1950 , ENVIRONMENTALLY HAZARDOUS

· IMDG

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

· IATA

AEROSOLS, flammable

(.10)

BG

: PFC 105 E

(.9)

· 14.3 ()

· ADR



2 5F

2.1

· IMDG



· Class

2.1

· Label

2.1

· IATA



· Class

2.1

· Label

2.1

· 14.4

· ADR, IMDG, IATA

· 14.5

: ()

· 14.6

· EMS()-

· Stowage Code

· Segregation Code

F-D,S-U

SW1 Protected from sources of heat.
SW22 For AEROSOLS with a maximum 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.

(.11)

BC

: PFC 105 E

(.10)

· 14.7

MARPOL

IBC

II

· ADR

(LQ)
(EQ)

1L

: E0

2

D

· IMDG

· Limited quantities (LQ)

1L

· Excepted quantities (EQ)

Code: E0

Not permitted as Excepted Quantity

· UN "Model regulation":

UN 1950
HAZARDOUS

, 2.1, ENVIRONMENTALLY

15:

· 15.1

() 1272/2008
(CLP).



GHS02 GHS07 GHS09

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

n-

H222-H229

H315

H336

H411

P210

P251

P260

P211

P280

.12)

BG

1907/2006/EO,

31

: 04.08.2016

5

: 04.08.2016

: PFC 105 E

P271
P302+P352
P304+P340

P312

P410+P412

50 °C/122 °F.

2012/18/EC

200 t

500 t

REACH, 57

15.2

16:

H225
H280
H304
H315
H336
H361f
H373

H411

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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)

.13)

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31

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5

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LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Aerosol 1: - 1

Press. Gas L: -

Flam. Liq. 2: - 2

Skin Irrit. 2: / - 2

Repr. 2: - 2

STOT SE 3: () - 3

STOT RE 2: () - 2

Asp. Tox. 1: - 1

Aquatic Chronic 2: - 2

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BG