

SUPER GRES EP 00

РАЗДЕЛ 1: Идентификация химической продукции и сведения о производителе или поставщике

1.1 -
/ SUPER GRES EP 00
43120

1.2 -
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1.2.
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1.3 -
PETROL OF S A.
Ünalan Mahallesi, Libadiye Caddesi No: 82F
Kat: 2-3-4, 34700 Üsküdar/ Istanbul
Turkey
: +90 850 339 1919 Fax +90 216 275 3854
- : www.petrolofisi.com.tr - madeniyag@petrolofisi.com.tr

1.4 -
(1.3).

РАЗДЕЛ 2: Идентификация опасности (опасностей)

2.1 -
() 1272/2008 [CLP]

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| . 2 | - 2 |
| . 3 | 3 |

2.2 -
() 1272/2008 [CLP]



SUPER GRES EP 00

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|------|--|
| H319 | |
| H412 | |

| | |
|----------------|---|
| P264 | / |
| P273 | |
| P280 | / |
| P305+P351+P338 | : |
| P337+P313 | : |
| P501 | / |

EUH

| | |
|--------|-----------------------|
| EUH208 | N-1-naphthylaniline . |
|--------|-----------------------|

2.3 -

| | | |
|--------------|----------|-------------|
| <u>PTB.</u> | - | |
| | PTB/vPvB | XIII REACH. |
| <u>vPvB.</u> | - | |
| | PTB/vPvB | XIII REACH. |

РАЗДЕЛ 3: Состав (информация о компонентах)

3.1 -

3.2 -

| | | % | () | |
|--|--|---------|--|-----------|
| Distillates (petroleum), hydrotreated, heavy paraffinic [Note L] | CAS- : 64742-54-7 : 649-467-00-8 EC- : 265-157-1 REACH : 01-2119484627-25-0033 | 40 - 60 | Not Classified | |
| Distillates (petroleum), hydrotreated heavy naphthenic [Note L] | CAS- : 64742-52-5 : 649-465-00-7 EC- : 265-155-0 | 40 - 60 | Not Classified | |
| 2,6-di-tert-butylphenol | CAS- : 128-39-2 : EC- : 204-884-0 | < 1 | 1 - H400 . . () 1 - H410 2 - H315 | - : 1 / 1 |
| Bis(nonylphenyl)amine | CAS- : 36878-20-3 : EC- : 253-249-4 | < 1 | 4 - H413 | |
| Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu and pentyl) esters, zinc salts | CAS- : 68988-45-4 : EC- : 273-527-9 | < 1 | 2 - H411 H318 1 - . . . 2 - H315 | |

SUPER GRES EP 00

| | | % | () | |
|---|--------------------------------------|-----|--|-----------|
| Reaction products of Dihydro-3-(tetrapropenyl)furan-2,5 dione with propane-1,2,diol | CAS- : EC- : 947-696-0 | < 1 | . 4 - H302 3 - H412 H318 . 2 - H315 | |
| Hydrocarbons, C10-C13, aromatics, <1% naphthalene | CAS- : EC- : 922-153-0 | < 1 | 2 - H411 . 1 - H304 EUH066 | |
| N-1-naphthylaniline | CAS- : 90-30-2 EC- : 201-983-0 | < 1 | . 4 - H302 1 - H400 1 - H410 H317 CTOT RE 2 - H373 | - : 1 / 1 |
| Fuels, diesel | CAS- : 68334-30-5 EC- : 269-822-7 | < 1 | . 2 - H351 | |

- L: <3% IP 346.

РАЗДЕЛ 4: Меры первой помощи

4.1 -

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| _____ | - | 10-15 |
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4.2 -

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SUPER GRES EP 00

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4.3 -

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РАЗДЕЛ 5: Меры и средства обеспечения пожаровзрывобезопасности

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5.3 -

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РАЗДЕЛ 6: Меры по предотвращению и ликвидации аварийных и чрезвычайных ситуаций и их последствий

6.1 -

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SUPER GRES EP 00

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|------|-------|-------------|--|--|
| PNEC | , | 0,0001 mg/l | | |
| PNEC | , | 0,004 mg/l | | |
| PNEC | , | 0,317 mg/kg | | |
| PNEC | , | 0,032 mg/kg | | |
| PNEC | | 0,697 mg/kg | | |
| PNEC | | 60 mg/kg | | |
| PNEC | (STP) | 10 mg/l | | |

Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu and pentyl) esters, zinc salts (68988-45-4)

| вид | Значение | пользователь | Воздействия |
|-------------|------------------------|--------------|-------------|
| DNEL () | 0,19 mg/kg bw/day | | |
| DNEL | 6,8 mg/m ³ | P | |
| DNEL | 1,67 mg/m ³ | | |
| DNEL | 9,6 mg/kg bw/day | P | |
| DNEL | 4,8 mg/kg bw/day | | |
| PNEC | , | 0,002 mg/l | |
| PNEC | , | 0,0002 mg/l | |
| PNEC | , | 0,02 mg/l | |
| PNEC | , | 405,22 mg/kg | |
| PNEC | , | 40,52 mg/kg | |
| PNEC | | 486,29 mg/kg | |
| PNEC | (STP) | 100 mg/l | |

Reaction products of Dihydro-3-(tetrapropenyl)furan-2,5 dione with propane-1,2,diol

| вид | Значение | пользователь | Воздействия |
|-------------|-----------------------|--------------|-------------|
| DNEL () | 0,5 mg/kg bw/day | | |
| DNEL | 7 mg/m ³ | P | |
| DNEL | 1,7 mg/m ³ | | |
| DNEL | 4 mg/kg bw/day | P | |
| DNEL | 2 mg/kg bw/day | | |
| PNEC | , | 0,026 mg/l | |
| PNEC | , | 0,0026 mg/l | |
| PNEC | , | 0,263 mg/l | |
| PNEC | , | 0,344 mg/kg | |
| PNEC | , | 0,034 mg/kg | |
| PNEC | | 0,053 mg/kg | |
| PNEC | (STP) | 100 mg/l | |

Hydrocarbons, C10-C13, aromatics, <1% naphthalene

| вид | Значение | пользователь | Воздействия |
|-------------|-----------------------|--------------|-------------|
| DNEL () | 7,5 mg/kg bw/day | | |
| DNEL | 151 mg/m ³ | P | |
| DNEL | 32 mg/m ³ | | |
| DNEL | 12,5 mg/kg bw/day | P | |
| DNEL | 7,5 mg/kg bw/day | | |

N-1-naphthylaniline (90-30-2)

| вид | Значение | пользователь | Воздействия |
|--------------|-------------------------|--------------|-------------|
| DNEL (o) | 2 mg/kg | | |
| DNEL () | 0,008 mg/kg bw/day | | |
| DNEL o | 44 mg/m ³ | P | |
| DNEL o | 33 mg/m ³ | | |
| DNEL | 0,08 mg/m ³ | P | |
| DNEL | 0,015 mg/m ³ | | |
| DNEL o | , | 6,67 mg/kg | P |

SUPER GRES EP 00

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- 270 (@ 25°C)

РАЗДЕЛ 10: Стабильность и реакционная способность

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10.2 -

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10.3 -

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10.4 -

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10.5 -

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10.6 -

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- (CO2)

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РАЗДЕЛ 11: Информация о токсичности

11.1 - () 1272/2008

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| | | |
|------|-----|--|
| LD50 | () | |
| LD50 | () | |
| LD50 | () | |
| LC50 | () | |

SUPER GRES EP 00

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| LC50 | () | |
| LC50 | () | |

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Distillates (petroleum), hydrotreated heavy naphthenic [Note L] (64742-52-5)

| | | |
|------|-----|---|
| LD50 | () | > 5000 mg/kg (OECD Guideline 401, Acute Oral Toxicity) |
|------|-----|---|

2,6-di-tert-butylphenol (128-39-2)

| | | |
|------|-----|---|
| LD50 | () | > 5000 mg/kg (OECD Guideline 401, Acute Oral Toxicity) |
|------|-----|---|

Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu and pentyl) esters, zinc salts (68988-45-4)

| | | |
|------|-----|---|
| LD50 | () | 3600 mg/kg (OECD Guideline 401, Acute Oral Toxicity) |
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|------|-----|--|
| LD50 | () | 13800 mg/kg (OECD Guideline 402, Acute Dermal Toxicity) |
|------|-----|--|

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| LC50 | () | |
|------|-----|--|

Reaction products of Dihydro-3-(tetrapropenyl)furan-2,5 dione with propane-1,2,diol ()

| | | |
|------|-----|-----------------------------------|
| LD50 | () | 300 mg/kg < V < 2000 mg/kg 420 |
|------|-----|-----------------------------------|

| | | |
|------|-----|---|
| LD50 | () | > 2000 mg/kg (OECD Guideline 402, Acute Dermal Toxicity) |
|------|-----|---|

Hydrocarbons, C10-C13, aromatics, <1% naphthalene ()

| | | |
|------|-----|---|
| LD50 | () | > 5000 mg/kg (OECD Guideline 401, Acute Oral Toxicity) |
|------|-----|---|

N-1-naphthylaniline (90-30-2)

| | | |
|------|-----|------------|
| LD50 | () | 1625 mg/kg |
|------|-----|------------|

| | | |
|------|-----|--------------|
| LD50 | () | > 5000 mg/kg |
|------|-----|--------------|

Fuels, diesel (68334-30-5)

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|------|-----|--|
| LD50 | () | 17900 mg/kg (OECD Guideline 401, Acute Oral Toxicity) |
|------|-----|--|

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|------|-----|--------------------------|
| LD50 | () | > 4300 mg/kg OCDE 434 |
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| LC50 | () | 5,4 mg/l (OECD Guideline 403, Acute inhalation toxicity) |
|------|-----|---|

SUPER GRES EP 00

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|-------------|--|
| LC50 96 () | |
| ErC50 | |
| ErC50 | |
| NOEC () | |

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| 2,6-di-tert-butylphenol (128-39-2) | |
|---|---|
| EC50 48 | 0,45 mg/l Daphnia magna (Big Water Flea) |
| LC50 96 () | 1,4 mg/l Pimephales promelas () |
| ErC50 | 1,2 mg/l Pseudokirchneriella subcapitata |
| NOEC () | 0,035 mg/l Daphnia magna (Big Water Flea) |
| NOEC () | 0,64 mg/l Pseudokirchneriella subcapitata |
| Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu and pentyl) esters, zinc salts (68988-45-4) | |
| EC50 48 | 5,4 mg/l Daphnia magna (Big Water Flea) 202 |
| LC50 96 () | 46 mg/l Cyprinodon variegatus 203 |
| ErC50 | 2,1 mg/l 201 |
| NOEC () | 0,8 mg/l Daphnia magna (Big Water Flea) 211 |
| NOEC () | 1 mg/l 201 |
| Reaction products of Dihydro-3-(tetrapropenyl)furan-2,5 dione with propane-1,2,diol () | |
| EC50 48 | 84,91 mg/l Daphnia magna (Big Water Flea) 202 |

SUPER GRES EP 00

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|---|--|
| LC50 96 () | 26,3 mg/l Oncorhynchus mykiss () 203 |
| ErC50 | > 59,6 mg/l Pseudokirchneriella subcapitata 201 |
| NOEC () | 59,6 mg/l Pseudokirchneriella subcapitata 201 |
| Hydrocarbons, C10-C13, aromatics, <1% naphthalene () | |
| EC50 48 | 1,1 mg/l Daphnia magna (Big Water Flea) |
| LC50 96 () | 3,6 mg/l Oncorhynchus mykiss () |
| ErC50 | 7,9 mg/l Pseudokirchneriella subcapitata |
| NOEC () | 0,103 mg/l Oncorhynchus mykiss () |
| NOEC () | 0,179 mg/l (Q)SAR |
| N-1-naphthylaniline (90-30-2) | |
| EC50 48 | 0,3 mg/l Daphnia magna (Big Water Flea) (US EPA) |
| LC50 96 () | 0,44 mg/l Oncorhynchus mykiss () (US EPA) |
| ErC50 | 0,93 mg/l Pseudokirchneriella subcapitata |
| NOEC () | 0,02 mg/l Daphnia magna (Big Water Flea) (US EPA) |

12.2 -

| | |
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| () | |
| () | |
| % | 28 |

SUPER GRES EP 00

| | | |
|---|----|---|
| Distillates (petroleum), hydrotreated, heavy paraffinic [Note L] (64742-54-7) | | |
| % | 28 | 31 % (OECD). OECD 301F |
| Distillates (petroleum), hydrotreated heavy naphthenic [Note L] (64742-52-5) | | |
| % | 28 | 2 % < V < 31 % (OECD). |
| Bis(nonylphenyl)amine (36878-20-3) | | |
| % | 28 | 1 % (OECD). 301b |
| 2,6-di-tert-butylphenol (128-39-2) | | |
| % | 28 | 12 % < V < 24 % (COD) (OECD). |
| Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu and pentyl) esters, zinc salts (68988-45-4) | | |
| % | 28 | 1,5 % (OECD). 301b () |
| Reaction products of Dihydro-3-(tetrapropenyl)furan-2,5 dione with propane-1,2,diol () | | |
| % | 28 | 0 % (OECD). 301b |
| Hydrocarbons, C10-C13, aromatics, <1% naphthalene () | | |
| % | 28 | 70 % (). OECD 301F |

12.3 -

SUPER GRES EP 00

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| (BCF) | |
| | |

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Bis(nonylphenyl)amine (36878-20-3)

| | |
|-------|--------|
| (BCF) | 1584,3 |
|-------|--------|

2,6-di-tert-butylphenol (128-39-2)

| | |
|-------|----------|
| (BCF) | 660 L/kg |
|-------|----------|

N-1-naphthylaniline (90-30-2)

| | |
|-------|----------|
| (BCF) | 637 L/kg |
|-------|----------|

12.4 -

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12.5 -

(vPvB)

(PBT)

- PTB/vPvB XIII REACH.

- PTB/vPvB XIII REACH.

12.6 -

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12.7 -

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РАЗДЕЛ 13: Рекомендации по удалению отходов (остатков)

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SUPER GRES EP 00

РАЗДЕЛ 14: Информация при перевозках (транспортировании)

14.1 -

14.2 -

14.3 -

14.4 -

14.5 -

14.6 -

14.7 -

IMO

- Uygulanamaz.

РАЗДЕЛ 15: Информация о национальном и международном законодательстве

15.1 -

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REACH candidates

Annex XIV

Annex XVII

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30333-2007:

15.2 -

РАЗДЕЛ 16: Дополнительная информация

B SDS

| | | Author | |
|---|------------|--------|--|
| 5 | 20/02/2025 | | |

SUPER GRES EP 00

| | | Author | |
|---|------------|--------|--|
| 4 | 19/02/2024 | | |
| 1 | 13/06/2011 | | |

: Sena Ezgi Selçuk

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|---------|-----|--|--|
| - | : | | |
| - ATE: | | | |
| - CAS: | | | |
| - DNEL: | | | |
| - EC50: | 50% | | |
| - | : | | |
| - | : | | |
| - IMDG: | | | |
| - LC50: | 50% | | |
| - LD50: | 50% | | |
| - OEL: | | | |
| - | : | | |
| - PNEC: | | | |
| - RID: | | | |
| - STEL: | | | |
| - TWA: | | | |
| - vPvB: | | | |

H- EUH

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| CTOT RE 2 | - 2 |
| . 2 | - 2 |
| H302 | |
| H304 | |
| H315 | |
| H317 | |
| H318 | |
| H319 | |
| H351 | |
| H373 | |
| H410 | |
| H411 | |
| H412 | |
| H413 | |
| Not Classified | |

SUPER GRES EP 00

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| .1 | - 1 |
| .4 | () - 4 |
| .2 | - 2 |
| .1B | - 1B |
| .1 | - 1 |
| .() 1 | - 1 |
| .1 | - 1 |
| .2 | - 2 |
| .3 | - 3 |
| .4 | - 4 |

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