

according to Commission Regulation (EU) 2020/878 as amended

| | Agrospe | ec STOU 10W/40 | |
|--------|--|-----------------------------|---------------------------------|
| Creati | on date 10th March 2023 | | |
| Revisi | on date | Version | 1.0 |
| SECT | ION 1: Identification of the substance/mixtu | re and of the company/u | ndertaking |
| l.1. | Product identifier | Agrospec STOU | |
| | Substance / mixture | mixture | |
| L.2. | Relevant identified uses of the substance o | or mixture and uses advise | ed against |
| | Mixture's intended use | | - |
| | Multifunkčný Oil. | | |
| | For specific application advice see appropriate Te | echnical Data Sheet or cons | ult our company representative. |
| | Mixture uses advised against | | |
| | Not defined. | | |
| L.3. | Details of the supplier of the safety data sh | neet | |
| | Manufacturer | | |
| | Name or trade name | SPECOL Sp. z o. | 0. |
| | Address | ul. Kluczborska 3 | 31, Chorzów, 41-508 |
| | | Poland | |
| | VAT Reg No | PL6272453121 | |
| | Phone | 32 245 91 33 | |
| | E-mail | info@specol.com | n.pl |
| | Web address | www.specol.com | n.pl |
| | Competent person responsible for the safe | ty data sheet | |
| | Name | SPECOL Sp. z o. | 0. |
| | E-mail | info@specol.com | n.pl |
| L.4. | Emergency telephone number | | |
| | European emergency number: 112 | | |
| | | | |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is not classified as dangerous according to Regulation (EC) No 1272/2008.

Full text of all classifications and hazard statements is given in the section 16.

2.2. Label elements

none

2.3. Other hazards

The mixture contains substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

| Identification numbers | Substance name | Content in % weight | Classification according to Regulation (EC) No 1272/2008 | Note |
|--|---|------------------------|---|------|
| Index: 649-467-00-8 CAS: 64742-54-7 EC: 265-157-1 | Distillates (petroleum), hydrotreated heavy paraffinic | >70 | not classified as dangerous | |
| Index: 649-474-00-6 CAS: 64742-65-0 EC: 265-169-7 | Distillates (petroleum), solvent-dewaxed heavy paraffinic | 0,51-0,77 | Asp. Tox. 1, H304 | |
| Index: 616-136-00-4 CAS: 445409-27-8 EC: 430-380-7 | Amides, coco, N,N-bis(hydroxyethyl), reaction products with coco monoglycerides and molybdenum oxide (MoO3) | 0,05-0,15 | Aquatic Chronic 2, H411 | |



according to Commission Regulation (EU) 2020/878 as amended

Agrospec STOU 10W/40

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|--|-------------------------------------|------------|---------------------|--|------|
| Creation date 10th March 2023 | | Versio | 2 | 1.0 | |
| Revision date | | Version | 11 | 1.0 | |
| Identification numbers | Substance name | | ontent in weight | Classification according to Regulation (EC) No 1272/2008 | Note |
| Index: 604-092-00-9 CAS: 74499-35-7 | phenol, (tetrapropenyl) derivatives | 0,0 0,0 | 15 | Skin Corr. 1C, H314 Eye Dam. 1, H318 Repr. 1B, H360F Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10) | 1, 2 |

Notes

1 Substance of very high concern - SVHC.

2 The use of the substance is restricted by Annex XVII of REACH Regulation

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

If inhaled

Terminate the exposure immediately; move the affected person to fresh air.

If on skin

Remove contaminated clothes.

If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person.

If swallowed

Rinse out the mouth with clean water. In the event of issues, find medical help.

4.2. Most important symptoms and effects, both acute and delayed

- If inhaled Not expected. If on skin Not expected. If in eyes Not expected. If swallowed Not expected.
- **4.3. Indication of any immediate medical attention and special treatment needed** Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Accommodate extinguishing components to the location of fire. **Unsuitable extinguishing media** not available

5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves. Use a self-contained breathing apparatus and full-body protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Follow the instructions in the Sections 7 and 8.



according to Commission Regulation (EU) 2020/878 as amended

Agrospec STOU 10W/40

Creation date Revision date

Version

1.0

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

10th March 2023

6.3. Methods and material for containment and cleaning up

After removal of the product, wash the contaminated site with plenty of water.

6.4. Reference to other sections See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent formation of gases and vapours in concentrations exceeding the occupational exposure limits. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

DNEL

phenol, (tetrapropenyl) derivatives

| Workers / consumers | Route of exposure | Value | Effect | Value determination | Source |
|------------------------|-------------------|----------------------------|-----------------------|------------------------|--------|
| Workers | Inhalation | 0.053 mg/m ³ | Chronic effects local | | |
| Workers | Oral | 0.25 mg/kg bw/day | Chronic effects local | | |
| Workers | Dermal | 0.25 mg/kg bw/day | Chronic effects local | | |

PNEC

Amides, coco, N,N-bis(hydroxyethyl), reaction products with coco monoglycerides and molybdenum oxide (MoO3)

| Route of exposure | Value | Value determination | Source |
|-------------------|------------|---------------------|--------|
| Drinking water | 0.047 mg/l | | |

8.2. Exposure controls

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

It is not needed.

Skin protection

When handling in long-term or repeatedly, use protective gloves.

Respiratory protection

Halfmask with a filter against organic vapours or a self-contained breathing apparatus as appropriate if exposure limit values of substances are exceeded or in a poorly ventilated environment.

Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | liquid |
|--|--------------------|
| | data not available |
| | data not available |
| | |



according to Commission Regulation (EU) 2020/878 as amended

Agrospec STOU 10W/40

| Creation date | 10th March 2023 | | | |
|------------------------------------|---|--------------------|-------------|--|
| Revision date | | Version | 1.0 | |
| Melting point/fr | eezing point | data not available | 2 | |
| Boiling point or | initial boiling point and boiling range | data not available | 2 | |
| Flammability | | data not available | 2 | |
| Lower and uppe | er explosion limit | data not available | 2 | |
| Flash point | | 230 °C | | |
| Auto-ignition te | mperature | data not available | 2 | |
| Decomposition | temperature | data not available | 2 | |
| рН | | data not available | 2 | |
| Kinematic visco | sity | 130 mm²/s at 40 | °C | |
| Solubility in wat | ter | data not available | 2 | |
| Partition coeffic | ient n-octanol/water (log value) | data not available | 2 | |
| Vapour pressure | e | data not available | 2 | |
| Density and/or | relative density | | | |
| Density | | 0,860-0,870 g/cm | n³ at 15 °C | |
| Relative vapour | density | data not available | 2 | |
| Particle charact | eristics | data not available | 2 | |
| Form | | data not available | 2 | |
| Distillates (p (CAS: 64742-5) | petroleum), hydrotreated light paraffinic 5-8) | liquid | | |
| Distillates (p paraffinic (CAS: | petroleum), solvent-dewaxed heavy 64742-65-0) | liquid | | |
| 9.2. Other informa | tion | | | |
| not available | | | | |
| | | | | |

SECTION 10: Stability and reactivity

- 10.1. Reactivity
 - not available
- **10.2.** Chemical stability The product is stable under normal conditions.
- 10.3. Possibility of hazardous reactions

Unknown.

10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. No toxicological data is available for the mixture.

Acute toxicity

Based on available data the classification criteria are not met.

| Route of exposure | Parameter | Method | Value | Exposure time | Species | Sex |
|-------------------|-----------|----------|-------------|------------------|----------------------------|-----|
| Dermal | LD50 | OECD 402 | >2000 mg/kg | | Rabbit | |
| Oral | LD50 | OECD 401 | >5000 mg/kg | | Rat (Rattus norvegicus) | |



according to Commission Regulation (EU) 2020/878 as amended

Agrospec STOU 10W/40

| n date n date | 10th Marc | 2023 | | Vers | sion | | 1.0 | |
|--|-----------------|--------------|-------------|---------|------------|------------------|---|-----|
| Distillates (petroleu | m) hydrotro | ated board | (paraffini | | | | | |
| | | - | | - | | Exposure | | |
| Route of exposure | Parameter | Method | | Value | | time | Species | Sex |
| Inhalation | LC50 | OECD 4 | 03 | 5.53 mg | /I | 4 hours | Rat (Rattus norvegicus) | |
| Skin | LD50 | OECD 4 | 02 | 5000 mg | g/kg | | Rabbit | |
| Oral | LD50 | OECD 4 | 01 | 5000 mg | g/kg | | Rat (Rattus norvegicus) | |
| Distillates (petroleu | um), solvent-d | lewaxed h | eavy para | ffinic | | | | |
| Route of exposure | - | Method | | Value | | Exposure time | Species | Sex |
| Inhalation | LC50 | OECD 4 | 03 | 5.53 mg | /I | 4 hours | Rat (Rattus norvegicus) | |
| Dermal | LD50 | OECD 4 | 02 | >5000 n | ng/kg | | Rabbit | |
| Oral | LD50 | OECD 4 | 01 | >5000 n | ng/kg | | Rat (Rattus norvegicus) | |
| phenol, (tetraprope | enyl) derivativ | es | | | | | , | 1 |
| Route of exposure | Parameter | Method | | Value | | Exposure time | Species | Sex |
| Dermal | LD50 | OECD 4 | 02 | 15000 m | ng/kg | | Rabbit | |
| Oral | LD50 | OECD 4 | 01 | 2200 mg | g/kg | | Rat (Rattus norvegicus) | |
| Distillates (petroleu Route of exposure | Result | | Method | - | Exposur | e time | Species | |
| Dermal | Not irritatin | g | OECD 4 | 04 | | | Rabbit | |
| Eye | Not irritatin | g | OECD 4 | 05 | | | Rabbit | |
| Distillates (petroleu | um), solvent-d | lewaxed h | eavy para | ffinic | | | | |
| Route of exposure | Result | | Method | | Exposur | e time | Species | |
| Dermal | Not irritatin | g | OECD 4 | 04 | | | Rabbit | |
| Eye | Not irritatin | 5 | OECD 4 | 05 | | | Rabbit | |
| phenol, (tetraprope | enyl) derivativ | es | | | | | | |
| Route of exposure | Result | | Method | | Exposur | e time | Species | |
| Skin | Causes dam | - | OECD 4 | | | | Rabbit | |
| Eye | Causes dam | - | OECD 4 | 05 | | | Rabbit | |
| Serious eye dama Based on available Sensitization Distillates (petroleu | data the class | ification cr | | | | | | |
| Route of exposure | Result | | Method | 1 | Exposure t | ime | Species | Sex |
| Dermal | Not sensitizii | ng | OECD 406 | 5 | | | Guinea-pig (Cavi aperea f. porcellus) | а |
| Distillates (petroleu | um), solvent-d | lewaxed h | eavy para | ffinic | | | | |
| Route of exposure | Result | | Method | | Exposure t | ime | Species | Sex |
| Skin | Not sensitizi | ng | OECD 406 | 5 | | | Guinea-pig (Cavi aperea f. | а |



according to Commission Regulation (EU) 2020/878 as amended

Agrospec STOU 10W/40

Creation date Revision date

1.0

nhenol (tetranronenyl) derivatives

| phenol, (tetrapropenyl) derivatives | | | | | | |
|-------------------------------------|-----------------|----------|---------------|-------------------|-----|--|
| Route of exposure | Result | Method | Exposure time | Species | Sex | |
| Dermal | Not sensitizing | OECD 406 | | Guinea-pig (Cavia | | |
| | | | | aperea f. | | |
| | | | | porcellus) | | |

Version

Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

10th March 2023

Mutagenicity

Distillates (petroleum), hydrotreated heavy paraffinic

| Result | Method | Exposure time | Specific target organ | Species | Sex |
|----------|----------|---------------|--------------------------|---|-----|
| Negative | OECD 471 | | | Bacteria (Salmonella typhimurium) | |
| Negative | OECD 473 | | | | |
| Negative | OECD 476 | | | | |
| Negative | OECD 474 | | | | |

Distillates (petroleum), solvent-dewaxed heavy paraffinic

| Result | Method | Exposure time | Specific target organ | Species | Sex |
|------------------------------|----------|---------------|-----------------------|---|-----|
| Negative, Not sensitizing | OECD 471 | | | Bacteria (Salmonella typhimurium) | |
| Negative | OECD 473 | | | | |

phenol, (tetrapropenyl) derivatives

| Result | Method | Exposure time | Specific target organ | Species | Sex |
|----------|----------|---------------|-----------------------|---|-----|
| Negative | OECD 471 | | | Bacteria (Salmonella typhimurium) | |
| Negative | OECD 476 | | | | |

Germ cell mutagenicity

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

Distillates (petroleum), hydrotreated heavy paraffinic

| Route of exposure | Parameter | Method | Value | Exposure time | Specific target organ | Result | Species | Sex |
|-------------------|---------------|--------------|---------------|------------------|--------------------------|----------|---------|-----|
| | NOAEL | OECD 451 | | 78 weeks | Skin | Negative | Mouse | |
| Distillates (p | etroleum), so | lvent-dewaxe | d heavy paraf | finic | | | | |

| Route of exposure | Parameter | Method | Value | Exposure time | Specific target organ | Result | Species | Sex |
|-------------------|-----------|----------|-------|------------------|--------------------------|----------|---------|-----|
| | NOAEL | OECD 451 | | 78 weeks | | Negative | Mouse | |

Reproductive toxicity

Based on available data the classification criteria are not met.

| Effect | Parameter | Method | Value | Result | Species | Sex |
|-------------------------|-----------|----------|-------|-----------------------------------|---------|-----|
| Effects on fertility | | OECD 416 | | Positive | | |
| Developmental toxicity | | OECD 416 | | Positive | | |
| | | OECD 416 | | Positive, Maternal toxicity | | |



according to Commission Regulation (EU) 2020/878 as amended

Agrospec STOU 10W/40

Creation date Revision date

Version

1.0

| Distillates (petro | leum), hydrotrea | ted heavy paraffir | nic | | | |
|---------------------------|------------------|--------------------|---------|----------|----------------------------|-----|
| Effect | Parameter | Method | Value | Result | Species | Sex |
| Developmental toxicity | | 0ECD 421 | | Negative | Rat (Rattus norvegicus) | |
| Effects on fertility | | 0ECD 421 | | Negative | Rat (Rattus norvegicus) | |
| Developmental toxicity | | OECD 414 | | Negative | Rat (Rattus norvegicus) | |
| Distillates (petro | leum), solvent-d | ewaxed heavy par | affinic | | | |
| Effect | Parameter | Method | Value | Result | Species | Sev |

| Effect | Parameter | Method | Value | Result | Species | Sex |
|------------------------|-----------|----------|-------|----------|----------------------------|-----|
| | | OECD 421 | | Negative | Rat (Rattus norvegicus) | |
| | | OECD 421 | | Negative | Rat (Rattus norvegicus) | |
| Developmental toxicity | | OECD 414 | | Negative | Rat (Rattus norvegicus) | |

phenol, (tetrapropenyl) derivatives

| Effect | Parameter | Method | Value | Result | Species | Sex |
|-------------------------|-----------|----------|-------|-----------------------------------|----------------------------|-----|
| Effects on fertility | | OECD 416 | | Positive | Rat (Rattus norvegicus) | |
| Developmental toxicity | | OECD 416 | | Positive | Rat (Rattus norvegicus) | |
| | | OECD 416 | | Positive, Maternal toxicity | Rat (Rattus norvegicus) | |

Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

10th March 2023

Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

Repeated dose toxicity

| Annues, cocc | | | ction product | | givenues and more | | (11003) |
|----------------------|------------------|--------------|---------------|------------|-------------------|----------------------------|---------|
| Route of exposure | Parameter | Result | Method | Value | Exposure time | Species | Sex |
| Oral | NOAEL | | OECD 407 | 150 mg/kg | | Rat (Rattus norvegicus) | |
| Distillates (p | etroleum), hydr | otreated hea | vy paraffinic | | | - | - |
| Route of exposure | Parameter | Result | Method | Value | Exposure time | Species | Sex |
| Oral | LOAEL | | OECD 408 | 125 mg/kg | 90 days | Rat (Rattus norvegicus) | |
| Dermal | NOAEL | | OECD 411 | 30 mg/kg | | Rat (Rattus norvegicus) | |
| Dermal | NOAEL | | OECD 410 | 1000 mg/kg | | Rabbit | |
| Inhalation | NOAEL | | | 0.22 mg/l | 4 weeks | Rat (Rattus norvegicus) | |
| Inhalation | NOAEL | | | 0.15 mg/l | 13 weeks | Rat (Rattus norvegicus) | |
| Distillates (p | etroleum), solve | ent-dewaxed | heavy paraffi | nic | • | • | - |
| Pouto of | | | | | | | |

| Route of exposure | Parameter | Result | Method | Value | Exposure time | Species | Sex |
|-------------------|-----------|--------|-------------|------------|---------------|---------|-----|
| Skin | NOAEL | | OECD 410 | 1000 mg/kg | | Rabbit | |



according to Commission Regulation (EU) 2020/878 as amended

Agrospec STOU 10W/40

Creation date Revision date

Version

1.0

| Distillates (pet | roleum), solver | nt-dewaxed he | avy paraffi | nic | | | |
|-------------------|------------------|---------------|-------------|-----------|---------------|----------------------------|-----|
| Route of exposure | Parameter | Result | Method | Value | Exposure time | Species | Sex |
| Inhalation | NOAEL | | | 0.05 mg/l | 13 weeks | Rat (Rattus norvegicus) | |
| phenol, (tetrap | propenyl) deriva | atives | - | | | | - |
| Route of exposure | Parameter | Result | Method | Value | Exposure time | Species | Sex |
| Oral | NOAEL | | OECD 407 | 60 mg/kg | | Rat (Rattus norvegicus) | |
| Oral | NOAEL | | OECD 416 | 15 mg/kg | | Rat (Rattus norvegicus) | |
| Oral | NOAEL | | OECD 408 | 100 mg/kg | | Rat (Rattus norvegicus) | |

Aspiration hazard

Based on available data the classification criteria are not met.

10th March 2023

11.2. Information on other hazards

The mixture contains substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

| Parameter | Value | Exposure time | Species | Environment |
|--------------------|-------------------------|------------------|--|-------------|
| EL 50 | 4 mg/l | 72 hours | Algae and other aquatic plants (Desmodesmus subspicatus) | |
| EL 50 | 1.5 mg/l | 48 hours | Daphnia (Daphnia magna) | |
| LL 50 | >10 mg/l | 96 hours | Fish (Oncorhynchus mykiss) | |
| Distillates (petro | leum), hydrotreated hea | vy paraffinic | | |
| Parameter | Value | Exposure time | Species | Environment |
| EL 50 | >10000 mg/l | 48 hours | Daphnia (Daphnia magna) | |
| LL 50 | >100 mg/l | 96 hours | Fish (Pimephales promelas) | |
| Distillates (petro | leum), solvent-dewaxed | heavy paraffinic | | |
| Parameter | Value | Exposure time | Species | Environment |
| EL 50 | >10000 mg/l | 48 hours | Daphnia (Daphnia magna) | |
| LL 50 | >100 mg/l | 96 hours | Fish (Oncorhynchus mykiss) | |
| phenol, (tetrapro | penyl) derivatives | | | |
| Parameter | Value | Exposure time | Species | Environment |
| EL 50 | 0.36 mg/l | 72 hours | Algae and other aquatic plants (Desmodesmus subspicatus) | |
| EL 50 | 0.037 mg/l | 48 hours | Daphnia (Daphnia magna) | |
| EL 50 | >1000 mg/l | 3 hours | Microorganisms | |



according to Commission Regulation (EU) 2020/878 as amended

| Indate Version 1.0 phenol, (tetrapropenyl) derivatives Exposure time Species E LL so 40 mg/l 96 hours Fish (Pimephales promelas) Fish (Pimephales promelas) Chronic toxicity Anides, coco, N,N-bis(hydroxyethyl), reaction products with coco monoglycerides and molybdenum ox Parameter Value Exposure time Species E NOEL 0.625 mg/l 72 hours Algae and other aquatic plants (Desmodesmus subspicatus) Interplants (Desmodesmus subspicatus) Interplants (Desmodesmus subspicatus) NOEL 0.47 mg/l 21 days Daphnia (Daphnia magna) E BCF <84 Dot Distillates (petroleum), hydrotreated heavy paraffinic E Parameter Value Exposure time Species E NOEL 10 mg/l 72 hours Algae and other aquatic plants (Pseudokirchneriella subcapitata) Interplants (Pseudokirchneriella subcapitata) NOEL 100 mg/l 14 days Fish (Oncorhynchus mg/l) E NOEL 100 mg/l 72 hours Algae and other aquatic plants (Pseudokirchneriella subcapitata) Interplants (Pseudokirchneriella subcapitata) NOEL 100 mg/l | | | pec STOU 10W | /40 | |
|--|--------------------|----------------------------|--------------------------|--------------------------------|-------------|
| Parameter Value Exposure time Species E LL so 40 mg/l 96 hours Fish (Pimephales promelas) Fish (Pimephales promelas) Chronic toxicity Amides, coco, N,N-bis(hydroxyethyl), reaction products with coco monoglycerides and molybdenum ox Parameter Value Exposure time Species E NOEL 0.625 mg/l 72 hours Algae and other aquatic plants (Desmodesmus subspicatus) Distributes NOEL 0.47 mg/l 21 days Daphnia (Daphnia magna) Dephnia BCF <84 Distillates (petroleum), hydrotreated heavy paraffinic Parameter Value Exposure time Species E NOEL 10 mg/l 72 hours Algae and other aquatic plants (Pseudokircheriella subcapitata) Daphnia (Daphnia magna) NOEL 10 mg/l 21 days Daphnia (Daphnia magna) E NOEL 10 mg/l 21 days Fish (Oncorthynchus mykiss) E NOEL 10 mg/l 72 hours Algae and other aquatic plants (Pseudokircheriella subcapitata) E <t< th=""><th>on date on date</th><th>10th March 2023</th><th>Version</th><th>1.0</th><th></th></t<> | on date on date | 10th March 2023 | Version | 1.0 | |
| LL so 40 mg/l 96 hours Fish (Pimephales promelas) Chronic toxicity Amides, coco, N,N-bis(hydroxyethyl), reaction products with coco monoglycerides and molybdenum ox Parameter Value Exposure time Species E NOEL 0.625 mg/l 72 hours Algae and other aquatic plants (Desmodesmus subspicatus) NOEL 0.47 mg/l 21 days Daphnia (Daphnia magna) BCF <84 | phenol, (tetrapr | openyl) derivatives | | | |
| Chronic toxicity promelas) Amides, coco, N,N-bi(hydroxyethyl), reaction products with coco monoglycerides and molybdenum ox Parameter Value Exposure time Species E NOEL 0.625 mg/l 72 hours Algae and other aquatic plants (Desmodesmus subspicatus) NOEL NOEL 0.47 mg/l 21 days Daphnia (Daphnia magna) E BCF <84 | Parameter | Value | Exposure time | Species | Environme |
| Amides, coco, N,N-bis(hydroxyethyl), reaction products with coco monoglycerides and molybdenum ox Parameter Value Exposure time Species E NOEL 0.625 mg/l 72 hours Algae and other aquatic plants (Desmodesmus subspicatus) NOEL 0.477 mg/l 21 days Daphnia (Daphnia magna) BCF <84 | LL 50 | 40 mg/l | 96 hours | | |
| NOEL0.625 mg/l72 hoursAlgae and other aquatic plants (Desmodesmus subspicatus)NOEL0.47 mg/l21 daysDaphnia (Daphnia magna)BCF<84 | | | on products with coco mo | pnoglycerides and molybdenum | oxide (MoO3 |
| NOEL 0.47 mg/l 21 days Daphnia (Daphnia magna) BCF <84 | Parameter | Value | Exposure time | Species | Environme |
| BCF <84 | NOEL | 0.625 mg/l | 72 hours | plants (Desmodesmus | |
| Distillates (petroleum), hydrotreated heavy paraffinic Species E Parameter Value Exposure time Species E NOEL ≥100 mg/l 72 hours Algae and other aquatic plants (Pseudokirchneriella subcapitata) Pseudokirchneriella subcapitata) NOEL 10 mg/l 21 days Daphnia (Daphnia magna) NOEL 1000 mg/l 14 days Fish (Oncorhynchus mykiss) Distillates (petroleum), solvent-dewaxed heavy paraffinic Parameter Value Exposure time Species E NOEL >100 mg/l 72 hours Algae and other aquatic plants (Pseudokirchneriella subcapitata) Parameter Value Exposure time Species E NOEL >100 mg/l 72 hours Algae and other aquatic plants (Pseudokirchneriella subcapitata) Parameter Paphnia (Daphnia magna) NOEL 10 mg/l 14 days Fish (Oncorhynchus mykiss) Pophnia (Daphnia magna) NOEL 10 mg/l 14 days Fish (Oncorhynchus mykiss) Paphnia (Daphnia magna) NOEL 100 mg/l 14 days Fish (Oncorhynchus mykiss) Paphnia (Daphnia magna) Plants (Desmodesmus subspicatus) 0.07 mg/l <td>NOEL</td> <td>0.47 mg/l</td> <td>21 days</td> <td></td> <td></td> | NOEL | 0.47 mg/l | 21 days | | |
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| plants (Pseudokirchneriella subcapitata)NOEL10 mg/l21 daysDaphnia (Daphnia magna)NOEL1000 mg/l14 daysFish (Oncorhynchus mykiss)Distillates (petroleum), solvent-dewaxed heavy paraffinicParameterValueExposure timeSpeciesNOEL>100 mg/l72 hoursAlgae and other aquatic plants (Pseudokirchneriella subcapitata)ENOEL10 mg/l21 daysDaphnia (Daphnia magna)Fish (Oncorhynchus mykiss)NOEL10 mg/l14 daysFish (Oncorhynchus magna)Fish (Oncorhynchus magna)NOEL10 mg/l21 daysDaphnia (Daphnia magna)Fish (Oncorhynchus mykiss)phenol, (tetrapropenyl) derivativesFish (Oncorhynchus mykiss)Fish (Oncorhynchus mykiss)Fish (Oncorhynchus mykiss)NOEL0.07 mg/l72 hoursAlgae and other aquatic plants (Desmodesmus subspicatus)Fish (Oncorhynchus mykiss)NOEL0.037 mg/l21 daysDaphnia (Daphnia magna)NOEL0.0037 mg/l21 daysDaphnia (Daphnia magna)Persistence and degradability BiodegradabilityExposure timeSpecies | Parameter | Value | Exposure time | Species | Environme |
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| Distillates (petroleum), solvent-dewaxed heavy paraffinicmykiss)ParameterValueExposure timeSpeciesENOEL>100 mg/l72 hoursAlgae and other aquatic plants (Pseudokirchneriella subcapitata)NOEL10 mg/l21 daysDaphnia (Daphnia magna)NOEL10 mg/l14 daysFish (Oncorhynchus mykiss)Fish (Oncorhynchus mykiss)Fish (Oncorhynchus mykiss)phenol, (tetrapropenyl) derivativesParameterValueExposure timeSpeciesENOEL0.07 mg/l72 hoursAlgae and other aquatic plants (Desmodesmus subspicatus)Fish (Oncorhynchus mykiss)NOEL0.037 mg/l21 daysDaphnia (Daphnia magna)EPersistence and degradability21 daysDaphnia (Daphnia magna)Fersistence and degradability | NOEL | 10 mg/l | 21 days | | |
| ParameterValueExposure timeSpeciesENOEL>100 mg/l72 hoursAlgae and other aquatic plants (Pseudokirchneriella subcapitata)NOEL10 mg/l21 daysDaphnia (Daphnia | NOEL | 1000 mg/l | 14 days | | |
| NOEL>100 mg/l72 hoursAlgae and other aquatic plants (Pseudokirchneriella subcapitata)NOEL10 mg/l21 daysDaphnia (Daphnia magna)NOEL1000 mg/l14 daysFish (Oncorhynchus mykiss)NOEL1000 mg/l14 daysFish (Oncorhynchus mykiss)phenol, (tetrapropenyl) derivativesExposure timeSpeciesParameterValueExposure timeSpeciesNOEL0.07 mg/l72 hoursAlgae and other aquatic plants (Desmodesmus subspicatus)NOEL0.0037 mg/l21 daysDaphnia (Daphnia magna)Persistence and degradabilityBiodegradability | Distillates (petro | oleum), solvent-dewaxed he | avy paraffinic | | |
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| phenol, (tetrapropenyl) derivatives mykiss) Parameter Value Exposure time Species E NOEL 0.07 mg/l 72 hours Algae and other aquatic plants (Desmodesmus subspicatus) Parameter NOEL 0.0037 mg/l 21 days Daphnia (Daphnia magna) Persistence and degradability Biodegradability | NOEL | | 21 days | magna) | |
| Parameter Value Exposure time Species E NOEL 0.07 mg/l 72 hours Algae and other aquatic plants (Desmodesmus subspicatus) Parameter NOEL 0.0037 mg/l 21 days Daphnia (Daphnia magna) Persistence and degradability Biodegradability | NOEL | 1000 mg/l | 14 days | | |
| NOEL 0.07 mg/l 72 hours Algae and other aquatic plants (Desmodesmus subspicatus) NOEL 0.0037 mg/l 21 days Daphnia (Daphnia magna) Persistence and degradability Biodegradability | phenol, (tetrapr | openyl) derivatives | | | |
| plants (Desmodesmus subspicatus) NOEL 0.0037 mg/l 21 days Daphnia (Daphnia magna) Persistence and degradability Biodegradability | Parameter | Value | Exposure time | Species | Environme |
| Persistence and degradability Biodegradability | NOEL | 0.07 mg/l | 72 hours | plants (Desmodesmus | |
| Biodegradability | NOEL | 0.0037 mg/l | 21 days | | |
| Amides, coco, w,w-dis(nydroxyetnyi), reaction products with coco monoglycerides and molybdenum ox | Biodegradabili | ty | | | avida (M=O) |
| Desemptor Mothed Value Evensure time Environment Desult | Amides, coco, N | | • | | oxide (MoO3 |

| Parameter | Method | Value | Exposure time | Environment | Result | |
|--|-----------|---------|---------------|-------------|----------------------|--|
| | | 57-98 % | 28 days | | Easily biodegradable | |
| Distillates (petroleum), hydrotreated heavy paraffinic | | | | | | |
| Parameter | Method | Value | Exposure time | Environment | Result | |
| | OECD 301F | 31 % | 28 days | | Hardly biodegradable | |



according to Commission Regulation (EU) 2020/878 as amended

Agrospec STOU 10W/40

10th March 2023 Creation date Revision date

Version

1.0

| eum), solvent-dewaxe Method | ed heavy paraffinic Value | Exposure time | Environment | Result | | |
|-------------------------------------|------------------------------|---------------|------------------------------------|--|--|--|
| | Value | Exposure time | Environment | Result | | |
| | | | | | | |
| OECD 301F | 31 % | 28 days | | Hardly biodegradable | | |
| phenol, (tetrapropenyl) derivatives | | | | | | |
| Method | Value | Exposure time | Environment | Result | | |
| OECD 301B | 6-25 % | 28 days | | Hardly biodegradable | | |
|)e | enyl) derivatives 1ethod | Alethod Value | Iethod Value Exposure time | Interval Value Exposure time Environment | | |

not available

12.3. **Bioaccumulative potential**

phenol, (tetrapropenyl) derivatives

| Parameter | Value | Exposure time | Species | Environment | Temperature [°C] |
|-----------|----------|---------------|---------|-------------|---------------------|
| BCF | 289-1601 | | | | |

Not available 12.4.

Mobility in soil

Not available.

Results of PBT and vPvB assessment 12.5.

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Endocrine disrupting properties

The mixture contains substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

Other adverse effects 12.7.

Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

Waste type code

mineral-based non-chlorinated engine, gear and lubricating oils * 13 02 05

(*) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

SECTION 14: Transport information

14.1. UN number or ID number

not subject to transport regulations

- UN proper shipping name 14.2.
- not relevant 14.3. Transport hazard class(es)
- not relevant 14.4. Packing group
 - not relevant
- 14.5. Environmental hazards not relevant
- 14.6. Special precautions for user Reference in the Sections 4 to 8.



according to Commission Regulation (EU) 2020/878 as amended

Agrospec STOU 10W/40

Creation date Revision date 10th March 2023

Version

14.7. Maritime transport in bulk according to IMO instruments

not relevant

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Restrictions pursuant to Annex XVII of Regulation (EC) No. 1907/2006 (REACH), as amended

phenol, (tetrapropenyl) derivatives

| Restriction | Conditions of restriction |
|-------------|---|
| 30 | Without prejudice to the other parts of this Annex the following shall apply to entries 28 to 30: 1. Shall not be placed on the market, or used, — as substances, |
| | — as constituents of other substances, or, |
| | in mixtures, for supply to the general public when the individual concentration in the substance o mixture is equal to or greater than: |
| | – either the relevant specific concentration limit specified in Part 3 of Annex VI to Regulation (EC) N 1272/2008, or, |
| | - the relevant generic concentration limit specified in Part 3 of Annex I of Regulation (EC) No 1272/2008. |
| | Without prejudice to the implementation of other Community provisions relating to the classification packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of such substances and mixtures is marked visibly, legibly and indelibly a follows: |
| | "Restricted to professional users". |
| | 2. By way of derogation, paragraph 1 shall not apply to: (a) medicinal or veterinary products as defined by Directive 2001/82/EC and Directive 2001/83/EC; (b) cosmetic products as defined by Directive 76/768/EEC; (c) the following fuels and oil products: |
| | motor fuels which are covered by Directive 98/70/EC, mineral oil products intended for use as fuel in mobile or fixed combustion plants, fuels sold in closed systems (e.g. liquid gas bottles); |
| | (d) artists' paints covered by Regulation (EC) No 1272/2008; |
| | (e) the substances listed in Appendix 11, column 1, for the applications or uses listed in Appendix 1 column 2. Where a date is specified in column 2 of Appendix 11, the derogation shall apply until the |
| | said date. (f) devices covered by Regulation (EU) 2017/745. |

15.2. Chemical safety assessment not available

SECTION 16: Other information



according to Commission Regulation (EU) 2020/878 as amended

Agrospec STOU 10W/40

| Creation date | 10th March 2023 | | | | | |
|------------------|--|--|--|--|--|--|
| Revision date | | Version | 1.0 | | | |
| Other importan | nt information about human he | alth protection | | | | |
| | st not be - unless specifically app on 1. The user is responsible for a | | er/importer - used for purposes other thar alth protection regulations. | | | |
| | ations and acronyms used in t | | | | | |
| ADR | - | - | ational carriage of dangerous goods by | | | |
| BCF | Bioconcentration I | Factor | | | | |
| CAS | Chemical Abstract | s Service | | | | |
| CLP | 5 () | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures | | | | |
| EC | | e for each substance listed | | | | |
| EINECS | European Invento | ry of Existing Commercial | Chemical Substances | | | |
| EL50 | Effective Loading | Effective Loading for 50% of the tested organisms | | | | |
| EmS | Emergency plan | | | | | |
| EU | European Union | | | | | |
| EuPCS | European Product | European Product Categorisation System | | | | |
| IATA | International Air T | International Air Transport Association | | | | |
| IBC | | International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals | | | | |
| ICAO | International Civil | Aviation Organization | | | | |
| IMDG | International Mari | International Maritime Dangerous Goods | | | | |
| IMO | International Mari | International Maritime Organization | | | | |
| INCI | International Nom | International Nomenclature of Cosmetic Ingredients | | | | |
| ISO | International Orga | anization for Standardizati | on | | | |
| IUPAC | - | n of Pure and Applied Che | | | | |
| LC50 | Lethal concentrati population | Lethal concentration of a substance in which it can be expected death of 50% of the population | | | | |
| LD50 | population | | | | | |
| LL50 | Lethal Loading for | 50% of tested organisms | 3 | | | |
| LOAEL | Lowest observed a | Lowest observed adverse effect level | | | | |
| log Kow | Octanol-water par | tition coefficient | | | | |
| NOAEL | No observed adve | rse effect level | | | | |
| NOEL | No observed effect | t level | | | | |
| OEL | Occupational Expo | osure Limits | | | | |
| PBT | Persistent, Bioacc | Persistent, Bioaccumulative and Toxic | | | | |
| ppm | Parts per million | | | | | |
| REACH | • | uation, Authorisation and | Restriction of Chemicals | | | |
| RID | _ | transport of dangerous g | | | | |
| UN | Four-figure identif Model Regulations | Four-figure identification number of the substance or article taken from the UN Model Regulations | | | | |
| UVCB | biological materia | ls | ition, complex reaction products or | | | |
| VOC | Volatile organic co | | | | | |
| vPvB | Very Persistent ar | d very Bioaccumulative | | | | |
| Aquatic Acute | | aquatic environment | | | | |
| Aquatic Chronic | | aquatic environment (chro | onic) | | | |
| Asp. Tox. | Aspiration hazard | | | | | |
| Eye Dam. | Serious eye dama | - | | | | |
| Repr. | Reproductive toxic | city | | | | |
| Skin Corr. | Skin corrosion | | | | | |
| Training guidel | | _ | | | | |
| ways of handling | the product. | ys of use, mandatory pro | tective equipment, first aid and prohibited | | | |
| | restrictions of use | | | | | |
| not available | | | | | | |



according to Commission Regulation (EU) 2020/878 as amended

Agrospec STOU 10W/40

Creation date Revision date 10th March 2023

Version

1.0

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

More information

Classification procedure - calculation method.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.