

Safety Data Sheet

according to Regulation (EC) No 1907/2006

630(E) SXCF (Aerosol)

Revision date: 25.08.2021

Page 1 of 17

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

630(E) SXCF (Aerosol)

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Synthetic base oil lubricating grease. Superior multi-purpose grease for heavy loads, high heat and corrosive environments.

Uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet

| | | |
|--------------------------|-------------------------------|-------------------------------|
| Company name: | Chesterton International GmbH | |
| Street: | Am Lenzenfleck 23 | |
| Place: | D-85737 Ismaning GERMANY | |
| Telephone: | +49 89 99 65 46 - 0 | Telefax: +49 89 99 65 46 - 50 |
| e-mail: | eu-sds@chesterton.com | |
| e-mail (Contact person): | eu-sds@chesterton.com | |
| Internet: | www.chesterton.com | |
| Responsible Department: | eu-sds@chesterton.com | |

1.4. Emergency telephone number:

+49(0) 551 - 1 92 40 (GIZ-Nord, 24h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:

Aerosol: Aerosol 1

Skin corrosion/irritation: Skin Irrit. 2

Specific target organ toxicity - single exposure: STOT SE 3

Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

Extremely flammable aerosol.

Pressurised container: May burst if heated.

Causes skin irritation.

May cause drowsiness or dizziness.

Toxic to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

Hydrocarbons, C7-C9, isoalkanes

Signal word: Danger

Safety Data Sheet

according to Regulation (EC) No 1907/2006

630(E) SXCF (Aerosol)

Revision date: 25.08.2021

Page 2 of 17

Pictograms:



Hazard statements

| | |
|------|--|
| H222 | Extremely flammable aerosol. |
| H229 | Pressurised container: May burst if heated. |
| H315 | Causes skin irritation. |
| H336 | May cause drowsiness or dizziness. |
| H411 | Toxic to aquatic life with long lasting effects. |

Precautionary statements

| | |
|-----------|--|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P211 | Do not spray on an open flame or other ignition source. |
| P251 | Do not pierce or burn, even after use. |
| P262 | Do not get in eyes, on skin, or on clothing. |
| P264 | Wash hands thoroughly after handling. |
| P273 | Avoid release to the environment. |
| P302+P352 | IF ON SKIN: Wash with plenty of soap and water. |
| P410+P412 | Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. |

Special labelling of certain mixtures

| | |
|--------|--|
| EUH208 | Contains Sulfonic acids, petroleum, calcium salts, Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts, Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts. May produce an allergic reaction. |
|--------|--|

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Safety Data Sheet

according to Regulation (EC) No 1907/2006

630(E) SXCF (Aerosol)

Revision date: 25.08.2021

Page 3 of 17

Hazardous components

| CAS No | Chemical name | | | Quantity |
|------------|--|----------|------------------|-------------|
| | EC No | Index No | REACH No | |
| | GHS Classification | | | |
| | Hydrocarbons, C7-C9, isoalkanes | | | 35 - < 40 % |
| | 921-728-3 | | 01-2119471305-42 | |
| | Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411 | | | |
| 61789-86-4 | Sulfonic acids, petroleum, calcium salts | | | < 1 % |
| | 263-093-9 | | 01-2119488992-18 | |
| | Skin Sens. 1; H317 | | | |
| 68584-23-6 | Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts | | | < 1 % |
| | 271-529-4 | | 01-2119492627-25 | |
| | Skin Sens. 1B; H317 | | | |
| 70024-69-0 | Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts | | | < 1 % |
| | 274-263-7 | | 01-2119492616-28 | |
| | Skin Sens. 1; H317 | | | |

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

| CAS No | EC No | Chemical name | Quantity |
|------------|--|--|-------------|
| | Specific Conc. Limits, M-factors and ATE | | |
| | 921-728-3 | Hydrocarbons, C7-C9, isoalkanes | 35 - < 40 % |
| | inhalation: LC50 = > 21 mg/l (vapours); dermal: LD50 = > 2200 - 2500 mg/kg; oral: LD50 = > 7100 - 7800 mg/kg | | |
| 61789-86-4 | 263-093-9 | Sulfonic acids, petroleum, calcium salts | < 1 % |
| | dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 16000 mg/kg | | |
| 68584-23-6 | 271-529-4 | Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts | < 1 % |
| | dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 16000 mg/kg | | |
| 70024-69-0 | 274-263-7 | Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts | < 1 % |
| | dermal: LD50 = > 4000 mg/kg; oral: LD50 = > 16000 mg/kg | | |

Further Information

No information available.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Change contaminated, saturated clothing. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Call a doctor.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

630(E) SXCF (Aerosol)

Revision date: 25.08.2021

Page 4 of 17

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. If eye irritation persists: Get medical advice/attention.

After ingestion

Do NOT induce vomiting.
Immediately call a doctor.

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

Causes eye irritation. Causes skin irritation. Repeated exposure may cause skin dryness or cracking.
Most important symptoms and effects, both acute and delayed: Headache, Dizziness, Pulmonary oedema
Vapours may cause drowsiness and dizziness.

4.3. Indication of any immediate medical attention and special treatment needed

First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

- Dry extinguishing powder.
- Carbon dioxide (CO₂).
- alcohol resistant foam.
- Water spray jet

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Heating causes rise in pressure with risk of bursting.
Vapours can form explosive mixtures with air.

5.3. Advice for firefighters

Special protective equipment for firefighters Protective clothing.
In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Safe handling: see section 7
Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Cover drains.

6.3. Methods and material for containment and cleaning up

For containment

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the

Safety Data Sheet

according to Regulation (EC) No 1907/2006

630(E) SXCF (Aerosol)

Revision date: 25.08.2021

Page 5 of 17

recovered material as prescribed in the section on waste disposal.

For cleaning up

Clean contaminated articles and floor according to the environmental legislation.

Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Personal protection equipment: see section 8

Advice on protection against fire and explosion

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

Vapours are heavier than air, spread along floors and form explosive mixtures with air.

Advice on general occupational hygiene

Work in well-ventilated zones or use proper respiratory protection. Only wear fitting, comfortable and clean protective clothing. Avoid contact with skin, eyes and clothes. Wash hands and face before breaks and after work and take a shower if necessary.

Further information on handling

Do not pierce or burn, even after use.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep cool. Protect from sunlight.

Pressurised container: May burst if heated.

Hints on joint storage

Keep away from:

- Food and feedingstuffs

Further information on storage conditions

Keep away from:

- Frost
- Heat
- Humidity

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Safety Data Sheet

according to Regulation (EC) No 1907/2006

630(E) SXCF (Aerosol)

Revision date: 25.08.2021

Page 6 of 17

Occupational exposure limits

| CAS No | Substance | ppm | mg/m ³ | fib/cm ³ | Category | Origin |
|---------|---------------------------------|------|-------------------|---------------------|---------------|--------|
| 75-28-5 | Butane, all isomers - Isobutane | 1000 | - | | STEL (15 min) | |

Safety Data Sheet

according to Regulation (EC) No 1907/2006

630(E) SXCF (Aerosol)

Revision date: 25.08.2021

Page 7 of 17

DNEL/DMEL values

| CAS No | Substance | Exposure route | Effect | Value |
|---|-----------|----------------|----------|--------------------------|
| DNEL type | | | | |
| Hydrocarbons, C7-C9, isoalkanes | | | | |
| Worker DNEL, long-term | | inhalation | systemic | 2035 mg/m ³ |
| Worker DNEL, long-term | | dermal | systemic | 773 mg/kg bw/day |
| Consumer DNEL, long-term | | inhalation | systemic | 608 mg/m ³ |
| Consumer DNEL, long-term | | dermal | systemic | 699 mg/kg bw/day |
| Consumer DNEL, long-term | | oral | systemic | 699 mg/kg bw/day |
| 61789-86-4 Sulfonic acids, petroleum, calcium salts | | | | |
| Worker DNEL, long-term | | inhalation | systemic | 11,75 mg/m ³ |
| Worker DNEL, long-term | | dermal | systemic | 3,33 mg/kg bw/day |
| Worker DNEL, long-term | | dermal | local | 1,03 mg/cm ² |
| Consumer DNEL, long-term | | inhalation | systemic | 2,9 mg/m ³ |
| Consumer DNEL, long-term | | dermal | systemic | 1,667 mg/kg bw/day |
| Consumer DNEL, long-term | | dermal | local | 0,513 mg/cm ² |
| Consumer DNEL, long-term | | oral | systemic | 0,833 mg/kg bw/day |
| 68584-23-6 Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts | | | | |
| Worker DNEL, long-term | | dermal | local | 1,03 mg/cm ² |
| Consumer DNEL, long-term | | inhalation | systemic | 2,9 mg/m ³ |
| Worker DNEL, long-term | | inhalation | systemic | 11,75 mg/m ³ |
| Worker DNEL, long-term | | dermal | systemic | 3,33 mg/kg bw/day |
| Worker DNEL, long-term | | inhalation | local | 1,03 mg/m ³ |
| Consumer DNEL, long-term | | inhalation | local | 2,9 mg/m ³ |
| Consumer DNEL, long-term | | dermal | systemic | 1,667 mg/kg bw/day |
| Consumer DNEL, long-term | | dermal | local | 0,513 mg/cm ² |
| Consumer DNEL, long-term | | oral | systemic | 0,833 mg/kg bw/day |
| 70024-69-0 Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts | | | | |
| Worker DNEL, long-term | | inhalation | systemic | 11,75 mg/m ³ |
| Worker DNEL, long-term | | dermal | systemic | 3,33 mg/kg bw/day |
| Worker DNEL, long-term | | dermal | local | 1,03 mg/cm ² |
| Consumer DNEL, long-term | | inhalation | systemic | 2,9 mg/m ³ |
| Consumer DNEL, long-term | | dermal | systemic | 1,667 mg/kg bw/day |
| Consumer DNEL, long-term | | dermal | local | 0,513 mg/cm ² |

Safety Data Sheet

according to Regulation (EC) No 1907/2006

630(E) SXCF (Aerosol)

Revision date: 25.08.2021

Page 8 of 17

| | | | |
|--------------------------|------|----------|--------------------|
| Consumer DNEL, long-term | oral | systemic | 0,833 mg/kg bw/day |
|--------------------------|------|----------|--------------------|

PNEC values

| CAS No | Substance | Value |
|---------------------------|--|-----------------|
| Environmental compartment | | Value |
| 61789-86-4 | Sulfonic acids, petroleum, calcium salts | |
| | Freshwater | 1 mg/l |
| | Freshwater (intermittent releases) | 10 mg/l |
| | Marine water | 1 mg/l |
| | Freshwater sediment | 226000000 mg/kg |
| | Marine sediment | 226000000 mg/kg |
| | Secondary poisoning | 16,667 mg/kg |
| | Micro-organisms in sewage treatment plants (STP) | 1000 mg/l |
| | Soil | 271000000 mg/kg |
| 68584-23-6 | Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts | |
| | Freshwater | 1 mg/l |
| | Freshwater (intermittent releases) | 10 mg/l |
| | Marine water | 1 mg/l |
| | Freshwater sediment | 226000000 mg/kg |
| | Marine sediment | 226000000 mg/kg |
| | Secondary poisoning | 16,667 mg/kg |
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| | Freshwater | 1 mg/l |
| | Freshwater (intermittent releases) | 10 mg/l |
| | Marine water | 1 mg/l |
| | Freshwater sediment | 226000000 mg/kg |
| | Marine sediment | 226000000 mg/kg |
| | Secondary poisoning | 16,667 mg/kg |
| | Micro-organisms in sewage treatment plants (STP) | 1000 mg/l |
| | Soil | 271000000 mg/kg |

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

Individual protection measures, such as personal protective equipment

Eye/face protection

Suitable eye protection:

Eye glasses with side protection
goggles

Safety Data Sheet

according to Regulation (EC) No 1907/2006

630(E) SXCF (Aerosol)

Revision date: 25.08.2021

Page 9 of 17

Hand protection

Tested protective gloves must be worn: EN ISO 374
NBR (Nitrile rubber), Butyl caoutchouc (butyl rubber)
Thickness of the glove material $\geq 0,4$ mm
Breakthrough times and swelling properties of the material must be taken into consideration.
For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
Wearing time with occasional contact (splashes): max. 480 min. (NBR (Nitrile rubber))
Wearing time with permanent contact 240 - 480 min (NBR (Nitrile rubber))
Observe the wear time limits as specified by the manufacturer.

Skin protection

Protective clothing

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.
Filtering device (full mask or mouthpiece) with filter: AX

Environmental exposure controls

No special measures are necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------|-------------------|
| Physical state: | Liquid |
| Colour: | cream |
| Odour: | like: Mineral oil |

Test method

Changes in the physical state

| | |
|---|-------------------|
| Melting point/freezing point: | No data available |
| Boiling point or initial boiling point and boiling range: | No data available |
| Sublimation point: | No data available |
| Softening point: | No data available |
| Pour point: | No data available |
| Flash point: | 7 °C |

Flammability

| | |
|---------------|-------------------|
| Solid/liquid: | No data available |
| Gas: | No data available |

Explosive properties

Vapours can form explosive mixtures with air.

| | |
|----------------------------|-------------------|
| Lower explosion limits: | No data available |
| Upper explosion limits: | No data available |
| Auto-ignition temperature: | No data available |

Self-ignition temperature

| | |
|--------|-------------------|
| Solid: | No data available |
|--------|-------------------|

Safety Data Sheet

according to Regulation (EC) No 1907/2006

630(E) SXCF (Aerosol)

Revision date: 25.08.2021

Page 10 of 17

| | |
|--|------------------------|
| Gas: | No data available |
| Decomposition temperature: | No data available |
| Oxidizing properties | |
| No information available. | |
| pH-Value: | not applicable |
| Viscosity / dynamic: | No data available |
| Water solubility: | Immiscible |
| Solubility in other solvents | |
| No information available. | |
| Partition coefficient n-octanol/water: | No data available |
| Vapour pressure: | No data available |
| Density (at 20 °C): | 0,84 g/cm ³ |
| Relative vapour density: | >1 (Air=1) |

9.2. Other information

| | |
|-------------------|--------------|
| Solvent content: | 60 Vol.% |
| Evaporation rate: | <1 (Ether=1) |

Further Information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is stable under storage at normal ambient temperatures.

10.2. Chemical stability

The substance is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

This material is considered to be non-reactive under normal use conditions.

10.4. Conditions to avoid

This material is combustible and can be ignited by heat, sparks, flames, or other sources of ignition (e.g. static electricity, pilot lights, or mechanical/electrical equipment).

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

10.5. Incompatible materials

Oxidising agent, strong

10.6. Hazardous decomposition products

- Nitrogen oxides (NO_x)
- Carbon dioxide (CO₂)
- Carbon monoxide

SECTION 11: Toxicological information

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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

630(E) SXCF (Aerosol)

Revision date: 25.08.2021

Page 11 of 17

Acute toxicity

Based on available data, the classification criteria are not met.

| CAS No | Chemical name | | | | |
|------------|--|--------------------------|---------|---------------------|--|
| | Exposure route | Dose | Species | Source | Method |
| | Hydrocarbons, C7-C9, isoalkanes | | | | |
| | oral | LD50 > 7100 - 7800 mg/kg | Rat | Study report (1961) | OECD Guideline 401 |
| | dermal | LD50 > 2200 - 2500 mg/kg | Rabbit | Study report (1961) | Standard acute method, applying 4 differ |
| | inhalation (4 h) vapour | LC50 > 21 mg/l | Rat | Study report (1985) | OECD Guideline 403 |
| 61789-86-4 | Sulfonic acids, petroleum, calcium salts | | | | |
| | oral | LD50 > 16000 mg/kg | Rat | Study report (1981) | other: Section 772 .112-21 CFR 40 |
| | dermal | LD50 > 5000 mg/kg | Rabbit | Study report (1981) | OECD Guideline 402 |
| 68584-23-6 | Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts | | | | |
| | oral | LD50 > 16000 mg/kg | Rat | Study report (1981) | other: Section 772 .112-21 CFR 40 |
| | dermal | LD50 > 5000 mg/kg | Rabbit | Study report (1981) | OECD Guideline 402 |
| 70024-69-0 | Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts | | | | |
| | oral | LD50 > 16000 mg/kg | Rat | Study report (1981) | other: Section 772 .112-21 CFR 40 |
| | dermal | LD50 > 4000 mg/kg | Rabbit | Study report (1986) | other: 40 CFR, Section 163.81-2, Federal |

Irritation and corrosivity

Causes skin irritation.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

Sensitising effects

Contains Sulfonic acids, petroleum, calcium salts, Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts, Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts. May produce an allergic reaction.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness. (Hydrocarbons, C7-C9, isoalkanes)

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

11.2. Information on other hazards

Endocrine disrupting properties

No data available

Safety Data Sheet

according to Regulation (EC) No 1907/2006

630(E) SXCF (Aerosol)

Revision date: 25.08.2021

Page 12 of 17

SECTION 12: Ecological information

12.1. Toxicity

Safety Data Sheet

according to Regulation (EC) No 1907/2006

630(E) SXCF (Aerosol)

Revision date: 25.08.2021

Page 13 of 17

| CAS No | Chemical name | | | | | |
|------------|--|----------------|-----------|---------|---|---|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| | Hydrocarbons, C7-C9, isoalkanes | | | | | |
| | Acute fish toxicity | LL50 mg/l | 18,4 | 96 h | Oncorhynchus mykiss | REACH Registration Dossier |
| | Acute algae toxicity | ErC50 | 12 mg/l | 72 h | Pseudokirchneriella subcapitata | SIDS Initial Assessment Report For SIAM |
| | Acute crustacea toxicity | EL50 mg/l | ca. 2,4 | 48 h | Daphnia magna | REACH Registration Dossier |
| | Fish toxicity | NOEC mg/l | 0,778 | 28 d | Oncorhynchus mykiss | REACH Registration Dossier |
| | Crustacea toxicity | NOEC | 1 mg/l | 21 d | Daphnia magna | REACH Registration Dossier |
| | other: As described in: The evaluation o | | | | | |
| | The aquatic toxicity was estimated by a | | | | | |
| | OECD Guideline 211 | | | | | |
| 61789-86-4 | Sulfonic acids, petroleum, calcium salts | | | | | |
| | Acute fish toxicity | LL50 mg/l | > 10000 | 96 h | Cyprinodon variegatus | Study report (1986) |
| | Acute algae toxicity | ErC50 mg/l | > 1000 | 72 h | Pseudokirchneriella subcapitata | Study report (1994) |
| | Acute crustacea toxicity | EC50 mg/l | > 1000 | 48 h | Daphnia magna | Study report (1993) |
| | Acute bacteria toxicity | (> 10000 mg/l) | | 3 h | activated sludge of a predominantly domestic sewage | Study report (1994) |
| | OECD Guideline 209 | | | | | |
| 68584-23-6 | Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts | | | | | |
| | Acute algae toxicity | ErC50 mg/l | > 1000 | 72 h | Pseudokirchneriella subcapitata | Study report (1994) |
| | Acute bacteria toxicity | (> 10000 mg/l) | | 3 h | activated sludge of a predominantly domestic sewage | Study report (1994) |
| | OECD Guideline 209 | | | | | |
| 70024-69-0 | Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts | | | | | |
| | Acute fish toxicity | LL50 mg/l | > 10000 | 96 h | Cyprinodon variegatus | REACH Registration Dossier |
| | Acute algae toxicity | ErC50 mg/l | > 1000 | 72 h | Pseudokirchneriella subcapitata | REACH Registration Dossier |
| | Acute crustacea toxicity | EC50 mg/l | > 1000 | 48 h | Daphnia magna | REACH Registration Dossier |
| | Acute bacteria toxicity | (> 10000 mg/l) | | 3 h | activated sludge of a predominantly domestic sewage | REACH Registration Dossier |
| | OECD Guideline 209 | | | | | |

Safety Data Sheet

according to Regulation (EC) No 1907/2006

630(E) SXCF (Aerosol)

Revision date: 25.08.2021

Page 14 of 17

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|------------|--|----------|
| | Hydrocarbons, C7-C9, isoalkanes | ca. 3,52 |
| 61789-86-4 | Sulfonic acids, petroleum, calcium salts | > 4,46 |
| 68584-23-6 | Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts | > 4,46 |
| 70024-69-0 | Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts | 18,05 |

BCF

| CAS No | Chemical name | BCF | Species | Source |
|--------|---------------------------------|---------|---------|----------------------|
| | Hydrocarbons, C7-C9, isoalkanes | ca. 105 | | REACH Registration D |

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

No information available.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Dispose of waste according to applicable legislation.

Contaminated packaging

Dispose of waste according to applicable legislation.

SECTION 14: Transport information

Land transport (ADR/RID)

| | |
|---|-----------------|
| <u>14.1. UN number:</u> | UN 1950 |
| <u>14.2. UN proper shipping name:</u> | AEROSOLS |
| <u>14.3. Transport hazard class(es):</u> | 2 |
| <u>14.4. Packing group:</u> | - |
| Hazard label: | 2.1 |
| Classification code: | 5F |
| Special Provisions: | 190 327 344 625 |
| Limited quantity: | 1 L |
| Excepted quantity: | E0 |
| Transport category: | 2 |
| Tunnel restriction code: | D |

Safety Data Sheet

according to Regulation (EC) No 1907/2006

630(E) SXCF (Aerosol)

Revision date: 25.08.2021

Page 15 of 17

Inland waterways transport (ADN)

| | |
|--|-----------------|
| 14.1. UN number: | UN 1950 |
| 14.2. UN proper shipping name: | AEROSOLS |
| 14.3. Transport hazard class(es): | 2 |
| 14.4. Packing group: | - |
| Hazard label: | 2.1 |
| Classification code: | 5F |
| Special Provisions: | 190 327 344 625 |
| Limited quantity: | 1 L |
| Excepted quantity: | E0 |

Marine transport (IMDG)

| | |
|--|----------------------------------|
| 14.1. UN number: | UN 1950 |
| 14.2. UN proper shipping name: | AEROSOLS |
| 14.3. Transport hazard class(es): | 2.1 |
| 14.4. Packing group: | - |
| Hazard label: | 2.1 |
| Special Provisions: | 63, 190, 277, 327, 344, 381, 959 |
| Limited quantity: | 1000 mL |
| Excepted quantity: | E0 |
| EmS: | F-D, S-U |

Air transport (ICAO-TI/IATA-DGR)

| | |
|--|---------------------|
| 14.1. UN number: | UN 1950 |
| 14.2. UN proper shipping name: | AEROSOLS, FLAMMABLE |
| 14.3. Transport hazard class(es): | 2.1 |
| 14.4. Packing group: | - |
| Hazard label: | 2.1 |
| Special Provisions: | A145 A167 A802 |
| Limited quantity Passenger: | 30 kg G |
| Passenger LQ: | Y203 |
| Excepted quantity: | E0 |
| IATA-packing instructions - Passenger: | 203 |
| IATA-max. quantity - Passenger: | 75 kg |
| IATA-packing instructions - Cargo: | 203 |
| IATA-max. quantity - Cargo: | 150 kg |

14.5. Environmental hazards

| | |
|-----------------------------|-------------------------------------|
| ENVIRONMENTALLY HAZARDOUS: | Yes |
| Danger releasing substance: | Naphtha (petroleum), light alkylate |

14.6. Special precautions for user

No information available.

14.7. Maritime transport in bulk according to IMO instruments

No information available.

SECTION 15: Regulatory information

Safety Data Sheet

according to Regulation (EC) No 1907/2006

630(E) SXCF (Aerosol)

Revision date: 25.08.2021

Page 16 of 17

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 29

National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

Hydrocarbons, C7-C9, isoalkanes

Sulfonic acids, petroleum, calcium salts

Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts

Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 2,15.

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer

(Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

CAS: Chemical Abstracts Service (division of the American Chemical Society)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CLP: Regulation on Classification, Labelling and Packaging of Substances and Mixtures,

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

EC50: Effect concentration, 50 percent

DNEL: Derived No Effect Level

PNEC: Predicted No Effect Concentration

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

| Classification | Classification procedure |
|-------------------------|-------------------------------|
| Aerosol 1; H222-H229 | On basis of test data |
| Skin Irrit. 2; H315 | Bridging principle "Aerosols" |
| STOT SE 3; H336 | Bridging principle "Aerosols" |
| Aquatic Chronic 2; H411 | Calculation method |

Relevant H and EUH statements (number and full text)

H222 Extremely flammable aerosol.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

630(E) SXCF (Aerosol)

Revision date: 25.08.2021

Page 17 of 17

| | |
|--------|--|
| H225 | Highly flammable liquid and vapour. |
| H229 | Pressurised container: May burst if heated. |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H336 | May cause drowsiness or dizziness. |
| H411 | Toxic to aquatic life with long lasting effects. |
| EUH208 | Contains Sulfonic acids, petroleum, calcium salts, Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts, Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts. May produce an allergic reaction. |

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)