

Safety Data Sheet

according to Regulation (EC) No 1907/2006

ENGINE OIL CLEANER

Revision date: 22.03.2021

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

1.1. Product identifier

ENGINE OIL CLEANER (UFI: 8TNU-7E5T-VC02-5DJE)

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

Use of the substance/mixture

Additive

1.3. Details of the supplier of the safety data sheet

Company name: TECHNQUA HANDELS GmbH
Hartleitnerstraße 3
A-4653 Eberstalzell
Tel: +43 (0) 7241 213 79
E-Mail: office@techniqua.at

1.4. Emergency telephone number:

Poisoning Information Centre (VIZ), Stubenring 6, A-1010 Vienna
Emergency call 0-24 hrs: +43 1 406 43 43
Office hours: Monday to Friday, 8 to 16 hrs, Tel.: +43 1 406 68 98

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:

Aspiration hazard: Asp. Tox. 1

Serious eye damage/eye irritation: Eye Irrit. 2

Hazard Statements:

May be fatal if swallowed and enters airways.

Causes serious eye irritation.

2.2. Label elements

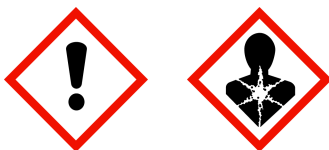
Regulation (EC) No. 1272/2008

Hazard components for labelling

Hydrocarbons, C12-C15, n-alkanes, iso-alkanes, cyclics, < 2 % aromates

Signal word: Danger

Pictograms:



Hazard statements

H304 May be fatal if swallowed and enters airways.

H319 Causes serious eye irritation.

Precautionary statements

P280 Wear eye protection/face protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P331 Do NOT induce vomiting.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

Special labelling of certain mixtures

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EUH066 Repeated exposure may cause skin dryness or cracking.
EUH208 Contains Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts. May produce an allergic reaction.

2.3. Other hazards

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

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

| CAS No | Chemical name | Quantity | | |
|------------|--|----------|------------------|---------------|
| | EC No | Index No | REACH No | |
| | GHS Classification | | | |
| 64742-47-8 | Hydrocarbons, C12-C15, n-alkanes, iso-alkanes, cyclics, < 2 % aromates | | | 50 - <= 100 % |
| | 920-107-4 | | 01-2119453414-43 | |
| | Asp. Tox. 1; H304 EUH066 | | | |
| 68584-23-6 | Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts | | | 1 - < 3 % |
| | 271-529-4 | | 01-2119492627-25 | |
| | Skin Sens. 1B; H317 | | | |
| 68649-42-3 | Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts | | | 1 - < 3 % |
| | 272-028-3 | | | |
| | Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 2; H315 H318 H411 | | | |
| 61789-86-4 | Sulfonic acids, petroleum, calcium salts | | | 0.1 - < 1 % |
| | 263-093-9 | | 01-2119488992-18 | |
| | Skin Sens. 1B; H317 | | | |
| 70024-69-0 | Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts | | | 0.1 - < 1 % |
| | 274-263-7 | | 01-2119492616-28 | |
| | Skin Sens. 1B; 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 | | | |
| 64742-47-8 | 920-107-4 | Hydrocarbons, C12-C15, n-alkanes, iso-alkanes, cyclics, < 2 % aromates | 50 - <= 100 % | |
| | inhalation: LC50 = >5 mg/l (dusts or mists); dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 15000 mg/kg | | | |
| 68584-23-6 | 271-529-4 | Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts | 1 - < 3 % | |
| | inhalation: LC50 = >5 mg/l (dusts or mists); dermal: LD50 = >5000 mg/kg; oral: LD50 = >5000 mg/kg Skin Sens. 1B; H317: >= 10 - 100 | | | |
| 68649-42-3 | 272-028-3 | Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts | 1 - < 3 % | |
| | dermal: LD50 = 5000 mg/kg; oral: LD50 = 3100 mg/kg | | | |
| 61789-86-4 | 263-093-9 | Sulfonic acids, petroleum, calcium salts | 0.1 - < 1 % | |
| | dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 16000 mg/kg Skin Sens. 1B; H317: >= 10 - 100 | | | |
| 70024-69-0 | 274-263-7 | Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts | 0.1 - < 1 % | |
| | inhalation: LC50 = >5 mg/l (dusts or mists); dermal: LD50 = > 4000 mg/kg; oral: LD50 = > 16000 mg/kg Skin Sens. 1B; H317: >= 10 - 100 | | | |

SECTION 4: First aid measures

4.1. Description of first aid measures

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General information

First aider: Pay attention to self-protection! Remove persons to safety. Never give anything by mouth to an unconscious person or a person with cramps.

After inhalation

Remove person to fresh air and keep comfortable for breathing. In all cases of doubt, or when symptoms persist, seek medical advice.

After contact with skin

Wash with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. In all cases of doubt, or when symptoms persist, seek medical advice.

After contact with eyes

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Do NOT induce vomiting. Observe risk of aspiration if vomiting occurs. Call a physician in any case!

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

Headache, nausea, dizziness, fatigue, skin irritation

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

Treat symptomatically. Call a POISON CENTER. Symptoms can occur only after several hours.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water fog. Foam. Carbon dioxide (CO₂). Extinguishing powder.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Incomplete combustion and thermolysis gases of different toxicity can occur. In the case of hydrocarbonaceous products such as CO, CO₂, aldehydes and soot. These can be very dangerous if they are inhaled in high concentrations or in enclosed spaces.

5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Move undamaged containers from immediate hazard area if it can be done safely. In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures

Wear breathing apparatus if exposed to vapours/dusts/aerosols. Remove all sources of ignition. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers). Ensure all waste water is collected and treated via a waste water treatment plant.

6.3. Methods and material for containment and cleaning up

Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Clean contaminated articles and floor according to the environmental legislation.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

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Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Observe instructions for use.

Dust must be exhausted directly at the point of origin. Vapours/aerosols must be exhausted directly at the point of origin. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

When using do not eat, drink, smoke, sniff.

Wear personal protection equipment (refer to section 8).

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

Further information on handling

Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Observe legal regulations and provisions.

Hints on joint storage

Do not store together with: Oxidizing agents. Pyrophoric or self-heating substances. Food and feedingstuffs.

Further information on storage conditions

Store in a cool dry place. Observe legal regulations and provisions.

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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DNEL/DMEL values

| CAS No | Substance | Exposure route | Effect | Value |
|--------------------------|--|----------------|----------|--------------------------|
| 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 |
| 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 |
| Consumer DNEL, long-term | | oral | systemic | 0,833 mg/kg bw/day |

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PNEC values

| CAS No | Substance | Value |
|--|--|-----------------|
| Environmental compartment | | |
| 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 |
| 70024-69-0 | Benzenesulfonic acid, mono-C16-24-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 |
| Micro-organisms in sewage treatment plants (STP) | | 1000 mg/l |
| Soil | | 271000000 mg/kg |

Additional advice on limit values

- a no restriction
- b End of exposure or end of shift
- c at long-term exposure:
- d before next shift

blood (B)
Urine (U)

8.2. Exposure controls

Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used.

Protective and hygiene measures

Avoid exposure. Wear suitable protective clothing. Draw up and observe skin protection programme.

Eye/face protection

Suitable eye protection: Tightly sealed safety glasses.
DIN EN 166

Hand protection

Protect skin by using skin protective cream. When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Suitable material: NBR (Nitrile rubber) Breakthrough time: 480min

Thickness of the glove material 0,45 mm

EN ISO 374

Skin protection

Wear suitable protective clothing. Take off immediately all contaminated clothing and wash it before reuse.

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Respiratory protection

Wear breathing apparatus if exposed to vapours/dusts/aerosols.
When exceeding the relevant workplace exposure limits, note the following:
Suitable respiratory protective equipment: Combination filter device (DIN EN 141)..
Filtering device with filter or ventilator filtering device of type: A
Observe the wear time limits as specified by the manufacturer.
Observe legal regulations and provisions.

Environmental exposure controls

Observe legal regulations and provisions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------|----------------|
| Physical state: | Liquid |
| Colour: | brown, clear |
| Odour: | characteristic |

| | |
|----------------------|--------------------|
| | Test method |
| pH-Value (at 20 °C): | DIN 19268 |

Changes in the physical state

| | |
|---|-----------------|
| Melting point: | not determined |
| Boiling point or initial boiling point and boiling range: | 200 °C |
| Flash point: | 103 °C ISO 3679 |

Flammability

| | |
|---------------|----------------|
| Solid/liquid: | not applicable |
| Gas: | not applicable |

Explosive properties

The product is not: Explosive.

| | |
|-------------------------|------------|
| Lower explosion limits: | 0,5 vol. % |
| Upper explosion limits: | 8 vol. % |

Self-ignition temperature

| | |
|--------|----------------|
| Solid: | not applicable |
| Gas: | not applicable |

| | |
|----------------------------|----------------|
| Decomposition temperature: | not determined |
|----------------------------|----------------|

Oxidizing properties

Not oxidising.

| | |
|------------------|----------------|
| Vapour pressure: | not determined |
|------------------|----------------|

| | |
|---------------------|-----------------------------------|
| Density (at 20 °C): | 0,841 g/cm ³ DIN 51757 |
|---------------------|-----------------------------------|

| | |
|-------------------|--|
| Water solubility: | The study does not need to be conducted because the substance is known to be insoluble in water. |
|-------------------|--|

Solubility in other solvents

not determined

| | |
|--|----------------|
| Partition coefficient n-octanol/water: | not determined |
|--|----------------|

| | |
|----------------------|-------------|
| Viscosity / dynamic: | DIN 53019-1 |
|----------------------|-------------|

| | |
|--------------------------------------|--------------------------------------|
| Viscosity / kinematic: (at 40 °C) | 3 mm ² /s DIN EN ISO 3104 |
|--------------------------------------|--------------------------------------|

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| | |
|--------------------------|-----------------|
| Flow time: (at 20 °C) | DIN EN ISO 2431 |
| Relative vapour density: | not determined |
| Evaporation rate: | not determined |

9.2. Other information

| | |
|----------------|----------------|
| Solid content: | not determined |
|----------------|----------------|

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Take precautionary measures against static discharges.

10.5. Incompatible materials

Oxidizing agents. Pyrophoric or self-heating substances.

10.6. Hazardous decomposition products

Incomplete combustion and thermolysis gases of different toxicity can occur. In the case of hydrocarbonaceous products such as CO, CO₂, aldehydes and soot. These can be very dangerous if they are inhaled in high concentrations or in enclosed spaces.

Further information

Do not mix with other chemicals.

SECTION 11: Toxicological information

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

Toxicokinetics, metabolism and distribution

There are no data available on the mixture itself.

Acute toxicity

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

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| CAS No | Chemical name | | | | |
|------------|--|--------------------|---------|---------------------|--|
| | Exposure route | Dose | Species | Source | Method |
| 64742-47-8 | Hydrocarbons, C12-C15, n-alkanes, iso-alkanes, cyclics, < 2 % aromates | | | | |
| | oral | LD50 > 15000 mg/kg | Rat | Study report (1977) | OECD Guideline 423 |
| | dermal | LD50 > 5000 mg/kg | Rabbit | Study report (1993) | OECD Guideline 402 |
| | inhalation (4 h) aerosol | LC50 >5 mg/l | Rat | | |
| 68584-23-6 | Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts | | | | |
| | oral | LD50 >5000 mg/kg | Rat | | |
| | dermal | LD50 >5000 mg/kg | Rat | | |
| | inhalation (4 h) aerosol | LC50 >5 mg/l | Rat | | |
| 68649-42-3 | Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts | | | | |
| | oral | LD50 3100 mg/kg | Rat | | |
| | dermal | LD50 5000 mg/kg | Rabbit | | |
| 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 |
| 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 |
| | inhalation (4 h) aerosol | LC50 >5 mg/l | Rat | | |

Irritation and corrosivity

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

Contains Benzenesulfonic acid, C10-16-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.

No indications of human carcinogenicity exist.

No indications of human germ cell mutagenicity exist.

No indications of human reproductive toxicity exist.

STOT-single exposure

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

STOT-repeated exposure

Repeated exposure may cause skin dryness or cracking.

Aspiration hazard

May be fatal if swallowed and enters airways.

Specific effects in experiment on an animal

No information available.

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Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

SECTION 12: Ecological information

12.1. Toxicity

The product is not: Ecotoxic.

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| CAS No | Chemical name | | | | | |
|------------|--|-------------------|-----------|---|-----------------------------------|---|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 64742-47-8 | Hydrocarbons, C12-C15, n-alkanes, iso-alkanes, cyclics, < 2 % aromates | | | | | |
| | Acute fish toxicity | LC50 >100 mg/l | 96 h | Oncorhynchus mykiss (Rainbow trout) | | |
| | Acute algae toxicity | ErC50 > 1000 mg/l | 72 h | Skeletonema costatum | Study report; company data (1994) | OECD Guideline 201 |
| | Acute crustacea toxicity | EC50 >100 mg/l | 48 h | Daphnia magna | | |
| | Fish toxicity | NOEC > 1000 mg/l | 28 d | Oncorhynchus mykiss | CONCAWE, Brussels, Belgium (2010) | The aquatic toxicity was estimated by a |
| | Crustacea toxicity | NOEC > 1000 mg/l | 21 d | Daphnia magna | CONCAWE, Brussels, Belgium (2010) | The aquatic toxicity was estimated by a |
| 68584-23-6 | Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts | | | | | |
| | Acute fish toxicity | LC50 >10000 mg/l | 96 h | Oncorhynchus mykiss (Rainbow trout) | | |
| | Acute algae toxicity | ErC50 >1000 mg/l | 96 h | Scenedesmus subspicatus | | |
| | Acute crustacea toxicity | EC50 >1000 mg/l | 48 h | Daphnia magna | | |
| 68649-42-3 | Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts | | | | | |
| | Acute fish toxicity | LC50 >1 mg/l | 96 h | Danio rerio (zebrafish) | | |
| | Acute algae toxicity | ErC50 >1 mg/l | 96 h | Selenastrum capricornutum | | |
| | Acute crustacea toxicity | EC50 >1 mg/l | 48 h | Daphnia magna | | |
| 61789-86-4 | Sulfonic acids, petroleum, calcium salts | | | | | |
| | Acute algae toxicity | ErC50 > 1000 mg/l | 72 h | Pseudokirchneriella subcapitata | Study report (1994) | EPA OTS 797.1050 |
| | Acute crustacea toxicity | EC50 > 1000 mg/l | 48 h | Daphnia magna | Study report (1993) | EPA OTS 797.1300 |
| | 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 | LC50 >10000 mg/l | 96 h | Cyprinus carpio (Common Carp) | | |
| | Acute algae toxicity | ErC50 > 1000 mg/l | 72 h | Pseudokirchneriella subcapitata | REACH Registration Dossier | EPA OTS 797.1050 |
| | Acute crustacea toxicity | EC50 > 1000 mg/l | 48 h | Daphnia magna | REACH Registration Dossier | EPA OTS 797.1300 |
| | Acute bacteria toxicity | (> 10000 mg/l) | 3 h | activated sludge of a predominantly domestic sewage | REACH Registration Dossier | OECD Guideline 209 |

12.2. Persistence and degradability

The product has not been tested.

12.3. Bioaccumulative potential

The product has not been tested.

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Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|------------|--|---------|
| 64742-47-8 | Hydrocarbons, C12-C15, n-alkanes, iso-alkanes, cyclics, < 2 % aromates | 7,0 |
| 61789-86-4 | Sulfonic acids, petroleum, 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 |
|------------|--|-------|------------|----------------------|
| 64742-47-8 | Hydrocarbons, C12-C15, n-alkanes, iso-alkanes, cyclics, < 2 % aromates | 144,3 | calculated | Other company data (|

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The product has not been tested.

12.7. Other adverse effects

No information available.

Further information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

List of Wastes Code - residues/unused products

070704 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fine chemicals and chemical products not otherwise specified; other organic solvents, washing liquids and mother liquors; hazardous waste

List of Wastes Code - used product

070704 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fine chemicals and chemical products not otherwise specified; other organic solvents, washing liquids and mother liquors; hazardous waste

List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Water (with cleaning agent). Completely emptied packages can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

- 14.1. UN number:** No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

- 14.1. UN number:** No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

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14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number: No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

Marine pollutant: no

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

2010/75/EU (VOC): No information available.

2004/42/EC (VOC): No information available.

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Additional information

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D): 1 - slightly hazardous to water

Skin resorption/Sensitization: Causes allergic hypersensitivity reactions.

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 2,9,15.

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

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IATA: International Air Transport Association

IMDG: International Maritime Code for Dangerous Goods

GHS: Globally Harmonized 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/DMEL: Derived No Effect Level / Derived Minimal Effect Level

WEL (UK): Workplace Exposure Limits

TWA (EC): Time-Weighted Average

ATE: Acute Toxicity Estimate

STEL (EC) Short Term Exposure Limit

LC50: Lethal Concentration

EC50: half maximal Effective Concentration

ErC50: means EC50 in terms of reduction of growth rate

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

| Classification | Classification procedure |
|--------------------|--------------------------|
| Asp. Tox. 1; H304 | Calculation method |
| Eye Irrit. 2; H319 | Calculation method |

Relevant H and EUH statements (number and full text)

| | |
|--------|---|
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H411 | Toxic to aquatic life with long lasting effects. |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| EUH208 | Contains Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts. May produce an allergic reaction. |

Further Information

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

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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