

Safety Data Sheet

according to UK REACH Regulation

Heavy Cut

Revision date: 07.10.2023

Product code: SF10421

Page 1 of 10

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Heavy Cut

Further trade names

SF10421.1

UFI:

6YJ8-AUNY-4G90-YKE6

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

Polishing agent

1.3. Details of the supplier of the safety data sheet

Company name: ServFaces GmbH

Street: Zeppelinstraße 2-4

Place: D-72488 Sigmaringen

Telephone: +49 7571 6894 0

E-mail: info@servfaces.de

Contact person: Jörg Reents

Telephone: +49 7571 6894 0

E-mail: info@servfaces.de

Internet: www.servfaces.de

Responsible Department: Giftinformationszentrum Mainz / 24h Deutsch & Englisch

1.4. Emergency telephone

+49 6131 / 19240 (24h)

number:**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

2.2. Label elements**Additional advice on labelling**

Labelling according to Regulation (EC) No. 1272/2008 [CLP] none

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****Relevant ingredients**

| CAS No | Chemical name | | | Quantity |
|-----------|---|----------|------------------|--------------|
| | EC No | Index No | REACH No | |
| | Classification (GB CLP Regulation) | | | |
| | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics | | | 10 - < 20 % |
| | 918-481-9 | | 01-2119457273-39 | |
| | Asp. Tox. 1; H304 EUH066 | | | |
| 8042-47-5 | White mineral oil (petroleum) | | | 7,5 - < 15 % |
| | 232-455-8 | | 01-2119487078-27 | |
| | Asp. Tox. 1; H304 | | | |

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

Safety Data Sheet

according to UK REACH Regulation

Heavy Cut

Revision date: 07.10.2023

Product code: SF10421

Page 2 of 10

Specific Conc. Limits, M-factors and ATE

| CAS No | EC No | Chemical name | Quantity |
|-----------|-----------|---|--------------|
| | | Specific Conc. Limits, M-factors and ATE | |
| | 918-481-9 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics | 10 - < 20 % |
| | | inhalation: LC50 = > 9300 mg/l (vapours); inhalation: LC50 = >= 6100 mg/l (dusts or mists); dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 5000 mg/kg | |
| 8042-47-5 | 232-455-8 | White mineral oil (petroleum) | 7,5 - < 15 % |
| | | inhalation: LC50 = > 5000 mg/l (dusts or mists); dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 5000 mg/kg | |

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice.

After inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. 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. Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person or a person with cramps. Call a doctor if you feel unwell.

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

Symptoms can occur only after several hours.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Non-flammable.

In case of fire may be liberated: Carbon dioxide (CO₂), Carbon monoxide, Pyrolysis products, toxic.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Full protective suit.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. 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

Safety Data Sheet

according to UK REACH Regulation

Heavy Cut

Revision date: 07.10.2023

Product code: SF10421

Page 3 of 10

General advice

Use personal protection equipment. Provide adequate ventilation. Avoid breathing dust/fume/gas/mist/vapours/spray. Special danger of slipping by leaking/spilling product. Use 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).

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). 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

Provide adequate ventilation. Avoid contact with skin, eyes and clothes. Do not breathe gas/fumes/vapour/spray.

Advice on protection against fire and explosion

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Advice on general occupational hygiene

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink or smoke. Do not breathe gas/vapour/aerosol. Avoid contact with skin, eyes and clothes.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep/Store only in original container. Keep container tightly closed in a cool, well-ventilated place.

Hints on joint storage

Keep away from food, drink and animal feedingstuffs.

Further information on storage conditions

storage temperature: at room temperature

Keep away from heat.

7.3. Specific end use(s)

Polishing agent

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Safety Data Sheet

according to UK REACH Regulation

Heavy Cut

Revision date: 07.10.2023

Product code: SF10421

Page 4 of 10

Exposure limits (EH40)

| CAS No | Substance | ppm | mg/m ³ | fibres/ml | Category | Origin |
|-----------|---|-----|-------------------|-----------|-----------|--------|
| 1344-28-1 | Aluminium oxides, inhalable dust | - | 10 | | TWA (8 h) | WEL |
| 1344-28-1 | Aluminium oxides, respirable dust | - | 4 | | TWA (8 h) | WEL |
| - | Cycloalkanes >= C7 | - | 800 | | TWA (8 h) | WEL |
| - | Dust, inhalable | - | 10 | | TWA (8 h) | WEL |
| - | Dust, respirable | - | 4 | | TWA (8 h) | WEL |
| - | Normal and branched chain alkanes >= C7 (it excludes n-heptane) | - | 1200 | | TWA (8 h) | WEL |

DNEL/DMEL values

| CAS No | Substance | Exposure route | Effect | Value |
|--------------------------|-------------------------------|----------------|--------|-----------------------|
| 1344-28-1 | Aluminium oxide | | | |
| Worker DNEL, long-term | inhalation | | | 3 mg/m ³ |
| Consumer DNEL, long-term | oral | | | 6,22 mg/kg bw/day |
| 8042-47-5 | White mineral oil (petroleum) | | | |
| Consumer DNEL, long-term | dermal | systemic | | 92 mg/kg bw/day |
| Consumer DNEL, long-term | inhalation | systemic | | 35 mg/m ³ |
| Consumer DNEL, long-term | oral | systemic | | 40 mg/kg bw/day |
| Worker DNEL, long-term | inhalation | local | | 160 mg/m ³ |
| Worker DNEL, long-term | dermal | systemic | | 220 mg/kg bw/day |
| Worker DNEL, long-term | inhalation | systemic | | 160 mg/m ³ |
| Worker DNEL, long-term | dermal | local | | 220 mg/person/day |

PNEC values

| CAS No | Substance | Value |
|--|-----------------|---------|
| 1344-28-1 | Aluminium oxide | |
| Micro-organisms in sewage treatment plants (STP) | | 20 mg/l |

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

Wear eye protection/face protection. Tightly sealed safety glasses. (EN 166)

Hand protection

Handling larger quantities:

Tested protective gloves must be worn (EN ISO 374)

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. @0802.B00823

Skin protection

Wear suitable protective clothing.

Safety Data Sheet

according to UK REACH Regulation

Heavy Cut

Revision date: 07.10.2023

Product code: SF10421

Page 5 of 10

Respiratory protection

In case of inadequate ventilation wear respiratory protection. Combination filtering device: Type A

Environmental exposure controls

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | | |
|---|----------------|----------------|
| Physical state: | Liquid (Paste) | |
| Colour: | whitish | |
| Odour: | characteristic | |
| Odour threshold: | not determined | |
| Melting point/freezing point: | | not determined |
| Boiling point or initial boiling point and boiling range: | | not determined |
| Flammability: | | not applicable |
| Lower explosion limits: | | not determined |
| Upper explosion limits: | | not determined |
| Flash point: | | > 61 °C |
| Auto-ignition temperature: | | not determined |
| Decomposition temperature: | | not determined |
| pH-Value: | | 8,2 - 8,9 |
| Viscosity / kinematic: (at 40 °C) | | > 20,5 mm²/s |
| Water solubility: | | miscible |
| Solubility in other solvents | | |
| not determined | | |
| Partition coefficient n-octanol/water: | | not determined |
| Vapour pressure: | | not determined |
| Density (at 20 °C): | | 1,09 g/cm³ |
| Relative vapour density: | | not determined |

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

The product is not: Explosive.

Self-ignition temperature

Solid:

not applicable

Gas:

not applicable

Oxidizing properties

Not oxidising.

Other safety characteristics

Evaporation rate:

not determined

Viscosity / dynamic:

9600 mPa·s

(at 20 °C)

Further Information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

Safety Data Sheet

according to UK REACH Regulation

Heavy Cut

Revision date: 07.10.2023

Product code: SF10421

Page 6 of 10

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

In case of fire may be liberated: Carbon dioxide (CO₂), Carbon monoxide, Pyrolysis products, toxic.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

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

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

| CAS No | Chemical name | | | | |
|-----------|---|-------------------|---------|--------------|----------|
| | Exposure route | Dose | Species | Source | Method |
| | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics | | | | |
| | oral | LD50 > 5000 mg/kg | Rat | Manufacturer | OECD 401 |
| | dermal | LD50 > 2000 mg/kg | Rat | Manufacturer | OECD 402 |
| | inhalation (4 h) vapour | LC50 > 9300 mg/l | Rat | Manufacturer | |
| | inhalation (4 h) dust/mist | LC50 >= 6100 mg/l | Rat | Manufacturer | |
| 8042-47-5 | White mineral oil (petroleum) | | | | |
| | oral | LD50 > 5000 mg/kg | Rat | Manufacturer | OECD 401 |
| | dermal | LD50 > 2000 mg/kg | Rabbit | Manufacturer | OECD 402 |
| | inhalation (4 h) dust/mist | LC50 > 5000 mg/l | Rat | Manufacturer | OECD 403 |

Irritation and corrosivity

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

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

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

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

STOT-single exposure

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

STOT-repeated exposure

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

Safety Data Sheet

according to UK REACH Regulation

Heavy Cut

Revision date: 07.10.2023

Product code: SF10421

Page 7 of 10

Aspiration hazard

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

11.2. Information on other hazards

Other information

No information available.

SECTION 12: Ecological information

12.1. Toxicity

The product is not: Ecotoxic.

| CAS No | Chemical name | | | | | |
|-----------|---|------------------|-----------|---------|--|--------------------------|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics | | | | | |
| | Acute fish toxicity | LC50 mg/l | > 1000 | 96 h | Oncorhynchus mykiss (Rainbow trout) | Manufacturer OECD 203 |
| | Acute algae toxicity | ErC50 mg/l | > 1000 | 72 h | Pseudokirchneriella subcapitata | Manufacturer OECD 201 |
| | Acute crustacea toxicity | EC50 mg/l | > 1000 | 48 h | Daphnia magna (Big water flea) | Manufacturer OECD 202 |
| 8042-47-5 | White mineral oil (petroleum) | | | | | |
| | Acute fish toxicity | LC50 mg/l | > 1000 | 96 h | Leuciscus idus (golden orfe) | Manufacturer OECD 203 |
| | Acute crustacea toxicity | EL50 mg/l | > 100 | 48 h | Daphnia magna (Big water flea) | Manufacturer OECD 202 |
| | Fish toxicity | NOEC mg/l | > 1000 | 4 d | Oncorhynchus mykiss (Rainbow trout) | Manufacturer |
| | Algae toxicity | NOEC mg/l | > 100 | 2 d | Pseudokirchneriella subcapitata | Manufacturer OECD 201 |
| | Crustacea toxicity | NOEC mg/l | > 100 | 2 d | Daphnia magna (Big water flea) | Manufacturer OECD 202 |
| | Acute bacteria toxicity | EC50 mg/l () | > 1000 | | Activated sludge | |

12.2. Persistence and degradability

The product has not been tested.

| CAS No | Chemical name | | | |
|-----------|---|-------|----|--------------|
| | Method | Value | d | Source |
| | Evaluation | | | |
| | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics | | | |
| | OECD 301F | 80% | 28 | Manufacturer |
| | Readily biodegradable (according to OECD criteria). | | | |
| 8042-47-5 | White mineral oil (petroleum) | | | |
| | OECD 301F | 31,3% | 28 | Manufacturer |
| | Not readily biodegradable (according to OECD criteria) | | | |

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|--------|---|-----------|
| | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics | 5,5 - 7,2 |

Safety Data Sheet

according to UK REACH Regulation

Heavy Cut

Revision date: 07.10.2023

Product code: SF10421

Page 8 of 10

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

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

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

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

No information available.

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

Dispose of waste according to applicable legislation.

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID 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 or ID 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 transport (IMDG)

14.1. UN number or ID 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.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID 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

Safety Data Sheet

according to UK REACH Regulation

Heavy Cut

Revision date: 07.10.2023

Product code: SF10421

Page 9 of 10

No information available.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

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 75

Directive 2010/75/EU on industrial emissions: < 20 %

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

Additional information

Regulation (EC) No. 648/2004 [Detergents regulation].

National regulatory information

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

15.2. Chemical safety assessment

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

SECTION 16: Other information

Safety Data Sheet

according to UK REACH Regulation

Heavy Cut

Revision date: 07.10.2023

Product code: SF10421

Page 10 of 10

Abbreviations and acronyms

Asp. Tox: Aspiration hazard
CLP: Classification, labelling and Packaging
REACH: Registration, Evaluation and Authorization of Chemicals
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
UN: United Nations
CAS: Chemical Abstracts Service
DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration
ATE: Acute toxicity estimate
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%
LL50: Lethal loading, 50%
EL50: Effect loading, 50%
EC50: Effective Concentration 50%
ErC50: Effective Concentration 50%, growth rate
NOEC: No Observed Effect Concentration
BCF: Bio-concentration factor
PBT: persistent, bioaccumulative, toxic
vPvB: very persistent, very bioaccumulative
ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Regulations concerning the international carriage of dangerous goods by rail
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)
IMDG: International Maritime Code for Dangerous Goods
EmS: Emergency Schedules
MFAG: Medical First Aid Guide
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
MARPOL: International Convention for the Prevention of Marine Pollution from Ships
IBC: Intermediate Bulk Container
VOC: Volatile Organic Compounds
SVHC: Substance of Very High Concern
For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>

Relevant H and EUH statements (number and full text)

| | |
|--------|---|
| H304 | May be fatal if swallowed and enters airways. |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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