

Safety Data Sheet

according to Regulation (EC) No 1907/2006

617(E) HP Grease #2

Revision date: 30.07.2021

Page 1 of 10

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

1.1. Product identifier

617(E) HP Grease #2

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

Use of the substance/mixture

lubricating grease

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

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Regulation (EC) No 1272/2008

Special labelling of certain mixtures

EUH210 Safety data sheet available on request.

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

617(E) HP Grease #2

Revision date: 30.07.2021

Page 2 of 10

Hazardous components

| CAS No | Chemical name | | | Quantity |
|------------|--|----------|------------------|----------|
| | EC No | Index No | REACH No | |
| | GHS Classification | | | |
| 26264-06-2 | Calcium dodecylbenzenesulphonate | | | <2,5 % |
| | 247-557-8 | | 01-2119560592-37 | |
| | Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H315 H318 H412 | | | |

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 | | |
| 26264-06-2 | 247-557-8 | Calcium dodecylbenzenesulphonate | <2,5 % |
| | Eye Dam. 1; H318: >= 10,5 - 100 | | |

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove victim out of the danger area. When in doubt or if symptoms are observed, get medical advice. 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 physician immediately.

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

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion

Rinse mouth thoroughly with water.
Do NOT induce vomiting.
IF SWALLOWED: Call a POISON CENTER/doctor// if you feel unwell.

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

No information available.

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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

617(E) HP Grease #2

Revision date: 30.07.2021

Page 3 of 10

Suitable extinguishing media

alcohol resistant foam , Extinguishing powder, Carbon dioxide (CO₂), Sand

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon dioxide (CO₂), Carbon monoxide, Nitrogen oxides (NO_x)

5.3. Advice for firefighters

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

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Use personal protection equipment. Avoid contact with skin, eyes and clothes.

6.2. Environmental precautions

Cover drains. Do not empty into drains.

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).

Dispose of waste according to applicable legislation.

6.4. Reference to other sections

Personal protection equipment: see section 8

SECTION 12: Ecological information

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Wear personal protection equipment (refer to section 8).

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Do not put any product-impregnated cleaning rags into your trouser pockets.

Advice on protection against fire and explosion

Measures to prevent fire: Usual measures for fire prevention.

Environmental precautions: Do not allow to enter into surface water or drains.

Advice on general occupational hygiene

Only wear fitting, comfortable and clean protective clothing.

Avoid contact with skin, eyes and clothes.

When using do not eat, drink, smoke, sniff. Wash hands and face before breaks and after work and take a shower if necessary.

Do not put any product-impregnated cleaning rags into your trouser pockets. Wash contaminated clothing prior to re-use. Apply skin care products after work.

Further information on handling

Special danger of slipping by leaking/spilling product.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

617(E) HP Grease #2

Revision date: 30.07.2021

Page 4 of 10

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store in a cool dry place. Keep container tightly closed.

Keep/Store only in original container.

Protect from direct sunlight.

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

Protect against: Frost

storage temperature: <45°C

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL/DMEL values

| CAS No | Substance | Exposure route | Effect | Value |
|--------------------------|----------------------------------|----------------|----------|--------------------------|
| 26264-06-2 | Calcium dodecylbenzenesulphonate | | | |
| Worker DNEL, long-term | | inhalation | systemic | 52 mg/m ³ |
| Worker DNEL, acute | | inhalation | systemic | 52 mg/m ³ |
| Worker DNEL, long-term | | inhalation | local | 52 mg/m ³ |
| Worker DNEL, acute | | inhalation | local | 52 mg/m ³ |
| Worker DNEL, long-term | | dermal | systemic | 57,2 mg/kg bw/day |
| Worker DNEL, acute | | dermal | systemic | 80 mg/kg bw/day |
| Worker DNEL, long-term | | dermal | local | 1,57 mg/cm ² |
| Worker DNEL, acute | | dermal | local | 1,57 mg/cm ² |
| Consumer DNEL, long-term | | inhalation | systemic | 26 mg/m ³ |
| Consumer DNEL, acute | | inhalation | systemic | 26 mg/m ³ |
| Consumer DNEL, long-term | | inhalation | local | 26 mg/m ³ |
| Consumer DNEL, acute | | inhalation | local | 26 mg/m ³ |
| Consumer DNEL, long-term | | dermal | systemic | 28,6 mg/kg bw/day |
| Consumer DNEL, acute | | dermal | systemic | 40 mg/kg bw/day |
| Consumer DNEL, long-term | | dermal | local | 0,787 mg/cm ² |
| Consumer DNEL, acute | | dermal | local | 0,787 mg/cm ² |
| Consumer DNEL, long-term | | oral | systemic | 13 mg/kg bw/day |
| Consumer DNEL, acute | | oral | systemic | 13 mg/kg bw/day |

Safety Data Sheet

according to Regulation (EC) No 1907/2006

617(E) HP Grease #2

Revision date: 30.07.2021

Page 5 of 10

PNEC values

| CAS No | Substance | |
|------------|--|------------|
| | Environmental compartment | Value |
| 26264-06-2 | Calcium dodecylbenzenesulphonate | |
| | Freshwater | 0,28 mg/l |
| | Freshwater (intermittent releases) | 0,654 mg/l |
| | Marine water | 0,458 mg/l |
| | Freshwater sediment | 27,5 mg/kg |
| | Marine sediment | 2,75 mg/kg |
| | Secondary poisoning | 20 mg/kg |
| | Micro-organisms in sewage treatment plants (STP) | 50 mg/l |
| | Soil | 25 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

Hand protection

Suitable gloves type NBR (Nitrile rubber) EN ISO 374

Wearing time with permanent contact: NBR (Nitrile rubber) Thickness of the glove material: $\geq 0,4$ mm,

Breakthrough time: >480 min

Wearing time with occasional contact (splashes): NBR (Nitrile rubber) Thickness of the glove material: $\geq 0,1$ mm, Breakthrough time: > 30 min

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.

Skin protection

Wear suitable protective clothing.

Respiratory protection

Usually no personal respiratory protection necessary.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Filtering device (full mask or mouthpiece) with filter: A-P2

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------|----------------|
| Physical state: | Paste |
| Colour: | light brown |
| Odour: | characteristic |

Changes in the physical state

Melting point/freezing point: not applicable

Safety Data Sheet

according to Regulation (EC) No 1907/2006

617(E) HP Grease #2

Revision date: 30.07.2021

Page 6 of 10

| | |
|---|-------------------|
| Boiling point or initial boiling point and boiling range: | No data available |
| Sublimation point: | No data available |
| Softening point: | No data available |
| Pour point: | not applicable |
| Flash point: | >150 °C |

Flammability

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

Explosive properties

not explosive according to EU A.14

| | |
|----------------------------|-------------------|
| 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 |
| Gas: | No data available |

| | |
|----------------------------|-------------------|
| Decomposition temperature: | No data available |
|----------------------------|-------------------|

Oxidizing properties

Not oxidising.

| | |
|-----------|----------------|
| pH-Value: | not applicable |
|-----------|----------------|

| | |
|--------------------------------------|--------------------------|
| Viscosity / kinematic: (at 40 °C) | >20,5 mm ² /s |
|--------------------------------------|--------------------------|

| | |
|-------------------|-----------------------|
| Water solubility: | practically insoluble |
|-------------------|-----------------------|

Solubility in other solvents

not determined

| | |
|--|-------------------|
| Partition coefficient n-octanol/water: | No data available |
|--|-------------------|

| | |
|------------------|-------------------|
| Vapour pressure: | No data available |
|------------------|-------------------|

| | |
|---------------------|----------------------|
| Density (at 25 °C): | <1 g/cm ³ |
|---------------------|----------------------|

| | |
|--------------------------|-------------------|
| Relative vapour density: | No data available |
|--------------------------|-------------------|

9.2. Other information

| | |
|-------------------|-------------------|
| Evaporation rate: | No data available |
|-------------------|-------------------|

Further Information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

Safety Data Sheet

according to Regulation (EC) No 1907/2006

617(E) HP Grease #2

Revision date: 30.07.2021

Page 7 of 10

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

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

10.5. Incompatible materials

Oxidising agent, strong

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

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

Irritation and corrosivity

non-irritant.

Sensitising effects

not sensitising.

Carcinogenic/mutagenic/toxic effects for reproduction

No information available.

STOT-single exposure

No information available.

STOT-repeated exposure

No information available.

Aspiration hazard

No information available.

Specific effects in experiment on an animal

No information available.

Additional information on tests

No information available.

Practical experience

No information available.

11.2. Information on other hazards

Endocrine disrupting properties

No information available.

Other information

No information available.

Further information

No information available.

SECTION 12: Ecological information

12.1. Toxicity

Safety Data Sheet

according to Regulation (EC) No 1907/2006

617(E) HP Grease #2

Revision date: 30.07.2021

Page 8 of 10

| CAS No | Chemical name | | | | | |
|------------|----------------------------------|---------------|-----------|---------|---------------------------------|--|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 26264-06-2 | Calcium dodecylbenzenesulphonate | | | | | |
| | Acute fish toxicity | LC50 mg/l | 1,74 | 96 h | Fishes species | http://epa.gov/oppt/exposure/pubs/episui other: QSAR |
| | Acute algae toxicity | ErC50 mg/l | 65,4 | 72 h | Pseudokirchneriella subcapitata | REACH Registration Dossier OECD Guideline 201 |
| | Acute crustacea toxicity | EC50 mg/l | 1,276 | 48 h | Daphnid species | REACH Registration Dossier other: QSAR model |

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|------------|----------------------------------|---------|
| 26264-06-2 | Calcium dodecylbenzenesulphonate | 4,77 |

BCF

| CAS No | Chemical name | BCF | Species | Source |
|------------|----------------------------------|-------|------------|----------------------|
| 26264-06-2 | Calcium dodecylbenzenesulphonate | 70,79 | QSAR model | 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.

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.

12.7. Other adverse effects

No information available.

Further information

Do not allow uncontrolled discharge of product into the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

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

Contaminated packaging

Non-contaminated packages may be recycled. Packing which cannot be properly cleaned must be disposed of. Dispose of waste according to applicable legislation.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

617(E) HP Grease #2

Revision date: 30.07.2021

Page 9 of 10

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: 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.

Marine transport (IMDG)

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

Air transport (ICAO-TI/IATA-DGR)

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

14.7. Maritime transport in bulk according to IMO instruments

No information available.

SECTION 15: Regulatory information

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

EU regulatory information

2004/42/EC (VOC): 1,77

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

National regulatory information

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

15.2. Chemical safety assessment

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

Calcium dodecylbenzenesulphonate

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 12.

No information available.

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,

Safety Data Sheet

according to Regulation (EC) No 1907/2006

617(E) HP Grease #2

Revision date: 30.07.2021

Page 10 of 10

LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
EC50: Effectice concentration, 50 percent
DNEL: Derived No Effect Level
PNEC: Predicted No Effect Concentration
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative

Relevant H and EUH statements (number and full text)

| | |
|--------|--|
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H412 | Harmful to aquatic life with long lasting effects. |
| EUH210 | Safety data sheet available on request. |

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