

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.



HIGH PRESSURE GREASE 07

date of version: 19.08.2022 V 1.0

date of issue: 19.08.2022

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

1.1 Product identifier

Product name: HIGH PRESSURE GREASE 07

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

Identified uses: Grease

Uses advised against: No additional information available

1.3 Details of the supplier of the safety data sheet

Manufacturer / Supplier: KHS GmbH

Juchostr. 20

44143 Dortmund (Germany)

Telephone: +49 (0)231 / 569-10000

Fax: +49 (0)231 / 569-410300

Contact Person: Service Products

E-Mail: service.products@khs.com

1.4 Emergency telephone number: +49 (0)228 / 19240 (24h-emergency call)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture: The product is not classified according to Regulation (EC) No 1272/2008 (CLP)

2.2 Label elements: not applicable.

Additional information: EUH208 Contains Sulfonic acids, petroleum, calcium salts, Benzenesulfonic acid, C10-C16-alkyl derivs., calcium salts, Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts. May cause allergic reactions..

EUH 210 Safety Data Sheet available on request.

2.3 Other hazards: Results of PBT- and vPvB-assessments: Not applicable.

SECTION 3: Composition/information on ingredients

3.1 Chemical characterization

General information: full synthetic grease

3.2 mixtures

Hazardous components:

61789-86-4 Sulfonic acids, petroleum, calcium salts

Registrations: CAS: 61789-86-4

EINECS: 263-093-9

Reg.nr.: 01-2119488992-18

H-phrases: H317 May cause an allergic skin reaction

Concentration: 0.5-<10%

68584-23-6 Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts

Registrations: CAS: 68584-23-6

EINECS: 271-529-4

Reg.nr.: 01-2119492627-25

H-phrases: H317 May cause an allergic skin reaction

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Concentration: 0.5-<10%

70024-69-0 Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts

Registrations:

CAS: 70024-69-0

EINECS: 274-263-7

Reg.nr.: 01-2119492616-28

H-phrases:

H317 May cause an allergic skin reaction

Concentration:

0.5-<10%

68411-46-1 Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene

Registrations:

CAS: 68411-46-1

EINECS: 270-128-1

Reg.nr.: 01-2119491299-23

H-phrases:

H412 Harmful to aquatic life with long lasting effects

Concentration:

0.5-<2.5%

SECTION 4: First aid measures

General:

Supply fresh air. Consult a doctor in case of complaints.

4.1 Description of first aid measures

Inhalation:

Supply fresh air. Consult a doctor in case of complaints.

Eye contact:

Promptly wash eyes with plenty of water while lifting the eye lids.

Skin Contact:

Wash with soap and water. In general, the product is not skin irritant.

Ingestion:

Do not induce vomiting, seek medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

no data available.

4.3 Indication of any immediate medical attention and special treatment needed

Get medical attention if symptoms occur.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

CO2, dry powder, sand. Do not use water!

Unsuitable extinguishing media:

water in full jet.

5.2 Special hazards arising from the substance or mixture

Do not inhale explosion gases or combustion gases.

5.3 Advice for firefighters

Remove containers from the fire area as far as this is possible without danger. Fire residues and contaminated extinguishing water must be disposed of in accordance with official regulations. Collect contaminated extinguishing water separately, must not be allowed to enter the sewage system.

Special fire fighting procedures:

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measure

6.1 Personal precautions, protective equipment and emergency procedures

In case of spills, beware of slippery floors and surfaces.

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6.2 Environmental precautions

Do not allow product to reach sewage system or any water course!

6.3 Methods and material for containment and cleaning up

Collect mechanically.

6.4 Reference to other sections

Section 01 Contact information in case of an emergency

Section 07 Handling and storage

Section 08 appropriate personal protective equipment

Section 13 Disposal considerations

SECTION 7: Handling and storage

7.1 Precautions for safe handling

No special precautions necessary if used correctly.

No special precautions are necessary if used correctly.

7.2 Conditions for safe storage, including any incompatibilities

Storage rooms and containers:

Prevent penetration into the ground safely.

Information about storage in one common storage facility:

Store separately from oxidizing agents.

Storage Class:

Keep dark, cool and dry.

7.3 Specific end use(s)

no data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls

General information:

Wash hands before breaks and after work. Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. The usual precautionary measures should be adhered to in handling the chemicals or the mineral oil products.

Eye/face protection:

safety glasses (EN 166) recommended during refilling.

Hand Protection:

Protective gloves

Glove material:

Material: Nitrile butyl rubber (NBR).

Avoid prolonged or repeated skin contact. Suitable protective gloves are recommended by the glove supplier. Preventive skin protection with skin protection ointment. Protective gloves where safety permits. The exact breakthrough time must be obtained from the protective glove manufacturer and adhered to, as it depends not only on the glove material but also on factors specific to the workplace.

Penetration time of the glove material:

The exact breakthrough time must be obtained from the protective glove manufacturer and observed.

Respiratory Protection:

Not required.

Hygiene measures:

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

Environmental Controls:

no data available.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state:

Paste	paste
colour:	colourless to slightly yellow
odor:	characteristic
odor threshold:	undetermined
boiling Point:	undetermined
boiling point:	
flash point:	>200 °C
evaporation Rate:	undetermined
flammability (solid, gas):	undetermined
flammability limit - Upper (%) ^② :	undetermined
flammability Limit - Lower (%) ^② :	undetermined
vapor pressure:	undetermined
vapor density (air=1):	undetermined
density:	0,96 g/cm ³ (20 °C)
solubility(ies)	
water	insoluble in water
solubility (other):	soluble in hydrocarbons
partition coefficient (n-octanol/water):	Not applicable for mixtures
autoignition Temperature:	
autoignition Temperature:	Value not relevant for classification.
decomposition Temperature:	Value not relevant for classification.
Viscosity, kinematic	not applicable.
explosive properties:	Product is not explosive.
9.2 other information	no data available.

SECTION 10: stability and reactivity

10.1 reactivity	No additional information available
10.2 chemical stability	Stable at ambient temperature.
10.3 possibility of hazardous reactions	No additional information available
10.4 conditions to avoid	No additional information available
10.5 incompatible materials	Strong oxidizing substances. Strong acids. Strong bases.
10.6 hazardous decomposition products	Hydrocarbons, CO, CO ₂

SECTION 11: toxicological information

11.1 information on likely routes of exposure

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

LD/LC50 values that are relevant for classification:

61789-86-4 Sulfonic acids, petroleum, calcium salts

oral	LD50 > 16000 mg/kg (Rat)
dermal	LD50 > 4000 mg/kg (Rabbit)

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inhalative	CL50 >1.9 mg/L (Rat) (4h)
68584-23-6 Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	
oral	LD50 > 16000 mg/kg (Rat)
dermal	LD50 > 4000 mg/kg (Rabbit)
inhalative	CL50 >1.9 mg/L (Rat) (4h)
70024-69-0 Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts	
oral	LD50 >5000 mg/kg (Rat) (OECD 401)
dermal	LD50 >5000 mg/kg (Rabbit) (OECD 402)
inhalative	CL50 >1.9 mg/L (Rat) (4h)
68411-46-1 Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	
oral	LD50 >5000 mg/kg (Rat)
dermal	LD50 >2000 mg/kg (Rat)
skin corrosion/irritation:	Based on available data, the classification criteria are not met.
serious eye damage/eye irritation product:	Based on available data, the classification criteria are not met.
respiratory or skin sensitization product:	Based on available data, the classification criteria are not met.
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.
specific target organ toxicity - single exposure	Based on available data, the classification criteria are not met.
specific target organ toxicity - repeated exposure	Based on available data, the classification criteria are not met.
aspiration hazard	Based on available data, the classification criteria are not met.
other adverse effects:	no data available.

SECTION 12 :Ecological information

12.1 Toxicity	No additional information available
Aquatic toxicity:	
61789-86-4 Sulfonic acids, petroleum, calcium salts	
CL50-96H	>10000 mg/l (Fish)
CE50r	>1000 mg/l (Algae) (72h)
CE50	> 10000 mg/l (Bacteria) (3h)
	> 1000 mg/l (Daphnia) (48h)
68584-23-6 Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	
CL50-96H	>10000 mg/l (Fish)
CE50r	>1000 mg/l (Algae) (72h)
CE50	> 10000 mg/l (Bacteria) (3h)
	> 1000 mg/l (Daphnia) (48h)
70024-69-0 Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts	
CL50-96H	>10000 mg/l (Fish) (OECD 203)
CE50 (static)	>1000 mg/l (Algae) (72h)
	> 10000 mg/l (Bacteria) (3h)
	> 1000 mg/l (Daphnia) (48h)
68411-46-1 Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	
CL50-96H	>100 mg/l (Fish)
CE50r	>100 mg/l (Algae)(72h)

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CE50

> 10000 mg/l (Bacteria) (3h)

12.2 Persistence and Degradability

No additional information available

12.3 Bioaccumulative potential

No additional information available

12.4 mobility in soil

No additional information available

12.5 results of PBT and vPvB assessment:

not applicable.

12.6 other adverse effects

No additional information available

Water hazard class (WGK):

WGK 1: slightly water-endangering.

SECTION 13: disposal considerations

13.1 waste treatment methods

General information:

Dispose in accordance with all applicable regulations.

disposal methods:

Do not empty into drains; dispose of this material and its container in a safe way. When storing used products, ensure that the waste categories and mixing instructions are observed.

European codes:

12 01 12*: used waxes and fats

SECTION 14: transport information

ADR/RID

14.1 UN number:

14.2 UN proper

shipping name:

14.3 transport hazard class(es)

class

non-dangerous goods

label(s)

hazard no. (ADR):

tunnel restriction code:

14.4 packing group:

14.5 environmental hazards:

14.6 special precautions for user:

ADN

14.1 UN number:

14.2 UN proper

shipping name:

14.3 transport hazard class(es)

class

non-dangerous goods

label(s)

hazard no. (ADR):

tunnel restriction code:

14.4 packing group:

14.5 environmental hazards:

14.6 special precautions for user:

IMDG

14.1 UN number:

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14.2 UN proper

shipping name:

14.3 transport hazard class(es)

class non-dangerous goods

label(s)

hazard no. (ADR):

tunnel restriction code:

14.4 packing group:

14.5 environmental hazards:

14.6 special precautions for user:

IATA

14.1 UN number:

14.2 UN proper

shipping name:

14.3 transport hazard class(es)

class non-dangerous goods

label(s)

hazard no. (ADR):

tunnel restriction code:

14.4 packing group:

14.5 environmental hazards:

14.6 special precautions for user:

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: regulatory information

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

EU Regulations

Dangerous substances listed by name - ANNEX I

None of the ingredients are contained.

national regulations

Classifications according to VbF

void

15.2 chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: other information

revision Information:

Vertical lines (| |) in the margin indicate an amendment.

wording of the H-statements in section 2 and 3

H317 May cause an allergic skin reaction

H412 Harmful to aquatic life with long lasting effects

other information:

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies. The classification results from the Conventional Method mentioned in regulation EU 1272/2008 (CLP).

revision date:

19.08.2022

disclaimer:

The data contained in this safety data sheet are based on our current knowledge and experience and are given to the best of our knowledge and

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