



GREASE CB-HT

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

ISSUE DATE: 13.08.2014
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1. SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name	Grease CB-HT
Product code	Ford Internal Ref.: 170075
SDS Number	7944
Product use	Public use

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

Relevant identified uses	Lubricants
Uses advised against	No additional information available.

1.3. Details of the supplier of the safety data sheet

Supplier Ford-Werke GmbH Edsel-Ford-Str. 2-14 50769 Cologne Germany +49 221 90-33333 sdseu@ford.com	Distributor Ford Motor Company Ltd. Parts Distribution Centre Royal Oak Way South NN11 8NT Daventry, Northants United Kingdom +44 1327 305 198
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1.4. Emergency telephone number

+49 (0) 6132-84463 (GBK GmbH – 24/7)

2. SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008

Health hazards	Serious eye damage/eye irritation, Category 2	H319	Causes serious eye irritation.
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2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008

Hazard pictograms



Signal word

Warning

Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

General

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

Prevention

P280	Wear eye protection, face protection.
Response	
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.
Supplemental hazard information	
EUH208	Contains Benzenesulfonic acid, di-C10-14-alkyl derivs, calcium salts. May produce an allergic reaction

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII.
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII.

3. SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS- No EC- No Index No RRN	%	Classification according to Regulation (EC) No. 1272/2008	Notes
Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts	68457-79-4 270-608-0	1 - < 2.5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411	
Benzenesulfonic acid, di-C10-14-alkyl derivs., calcium salts	939-603-7	0.1 - < 1	Skin Sens. 1, H317	

Full text of H-statements: see section 16

4. SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Remove person to fresh air and keep comfortable for breathing.
Skin contact	Wash skin with plenty of water.
Eyes contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after eye contact Eye irritation.

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

Treat symptomatically.

5. SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Water spray. Dry powder. Foam.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products Toxic fumes may be released. Carbon dioxide. Carbon monoxide.

- 5.3. Advice for firefighters**
- Protection during firefighting** Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
- 6. SECTION 6: Accidental release measures**
- 6.1. Personal precautions, protective equipment and emergency procedures**
- For non-emergency personnel**
- Emergency procedures** Ventilate spillage area. Avoid contact with skin and eyes.
- For emergency responders**
- Protective equipment** Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
- 6.2. Environmental precautions** Avoid release to the environment.
- 6.3. Methods and material for containment and cleaning up**
- Methods for cleaning up** Large Spills: Stop leak if safe to do so. Absorb remaining liquid with sand or inert absorbent and remove to safe place. Flush residue with large amounts of water. Small spills: Wipe up with absorbent material (for example cloth). Clean surface thoroughly to remove residual contamination.
- Other information** Dispose of materials or solid residues at an authorized site.
- 6.4. Reference to other sections** For further information refer to section 13.
- 7. SECTION 7: Handling and storage**
- 7.1. Precautions for safe handling**
- Precautions for safe handling** Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.
- Hygiene measures** Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
- 7.2. Conditions for safe storage, including any incompatibilities**
- Storage conditions** Store in a well-ventilated place. Keep cool.
- Incompatible materials** oxidizing materials.
- Storage temperature** Store at room temperature
- 7.3. Specific end use(s)** No additional information available.
- 8. SECTION 8: Exposure controls/personal protection**
- 8.1. Control parameters**
- Contains no substances with occupational exposure limits.
- DNEL: Derived no effect level**
No data available.
- PNEC: Predicted no effect concentration**
No data available.
- 8.2. Exposure controls**
- Appropriate engineering controls** Ensure good ventilation of the work station.
- Materials for protective clothing** No additional information available.
- Individual protection measures, such as personal protective equipment (PPE)**
- Eye protection** Safety glasses.

Skin protection

Hand protection

The protective gloves to be used must comply with the specification of EU directive 89/686/EC and the resultant standard EN374. The above given information is based on laboratory test in line with EN374. The recommendation is only valid for the supplied product and the stated application. Special working conditions, like heat or mechanical strain, which deviate from the test conditions, can reduce the protective effect provided by the recommended glove.

Material	Permeation	Thickness (mm)	Comments
Nitrile rubber (NBR)	6 (> 480 minutes)	0.4	Glove recommendation: Camatril Velours® 730 (Kächele-Cama GmbH, source of supply see www.kcl.de) or comparable product.
In case of splash contact: Nitrile rubber (NBR)	6 (> 480 minutes)	0.4	Glove recommendation: Camatril Velours® 730 (Kächele-Cama GmbH, source of supply see www.kcl.de) or comparable product.
Other protective measures			No additional information available.
Respiratory protection			In case of insufficient ventilation, wear suitable respiratory equipment
Thermal hazard protection			No additional information available.
Environmental exposure controls			Avoid release to the environment.

9. SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Solid
Appearance	Paste.
Colour	dark green.
Odour	mineral oil.
Odour threshold	No data available.
pH	No data available.
Relative evaporation rate (butylacetate=1)	No data available.
Melting point	No data available.
Freezing point	Not applicable.
Boiling point	No data available.
Flash point	250 °C
Auto-ignition temperature	Not applicable.
Decomposition temperature	No data available.
Flammability (solid, gas)	Non flammable
Vapour pressure	No data available.
Relative vapour density at 20 °C	No data available.
Relative density	Not applicable.
Density	0.91 g/cm ³ @ 20°C
Solubility	insoluble in water.
Log Pow	No data available.
Viscosity, kinematic	Not applicable.
Viscosity, dynamic	No data available.
Explosive properties	No data available.
Oxidising properties	No data available.
Explosive limits	Not applicable.

9.2. Other information

VOC (EU)	0 %
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10. SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

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| 10.2. Chemical stability | Stable under normal conditions. |
| 10.3. Possibility of hazardous reactions | No dangerous reactions known under normal conditions of use. |
| 10.4. Conditions to avoid | None under recommended storage and handling conditions (see section 7). |
| 10.5. Incompatible materials | No additional information available. |
| 10.6. Hazardous decomposition products | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

11. SECTION 11: Toxicological information

11.1. Information on toxicological effects

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| Acute toxicity | Based on available data, the classification criteria are not met. |
| Skin corrosion/irritation | Based on available data, the classification criteria are not met. |
| Serious eye damage/irritation | Causes serious eye irritation. |
| Respiratory or skin sensitisation | 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. |
| 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. |
| Aspiration hazard | Based on available data, the classification criteria are not met. |

12. SECTION 12: Ecological information

12.1. Toxicity

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|--------------------------|---|
| Ecology - general | The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
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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

Grease CB-HT

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII.

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII.

12.6. Other adverse effects

No additional information available.

13. SECTION 13: Disposal considerations

13.1. Waste treatment methods

- | | |
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| Waste treatment methods | Dispose of contents/container in accordance with licensed collector's sorting instructions. |
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European List of Waste (LoW) code

13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
15 01 06	mixed packaging

14. SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR)	Not applicable.
UN-No. (IMDG)	Not applicable.
UN-No. (IATA)	Not applicable.
UN-No. (ADN)	Not applicable.
UN-No. (RID)	Not applicable.

14.2. UN proper shipping name

Proper Shipping Name (ADR)	Not applicable.
Proper Shipping Name (IMDG)	Not applicable.
Proper Shipping Name (IATA)	Not applicable.
Proper Shipping Name (ADN)	Not applicable.
Proper Shipping Name (RID)	Not applicable.

14.3. Transport hazard class(es)

ADR	
Transport hazard class(es) (ADR)	Not applicable.
IMDG	
Transport hazard class(es) (IMDG)	Not applicable.
IATA	
Transport hazard class(es) (IATA)	Not applicable.
ADN	
Transport hazard class(es) (ADN)	Not applicable.
RID	
Transport hazard class(es) (RID)	Not applicable.

14.4. Packing group

Packing group (ADR)	Not applicable.
Packing group (IMDG)	Not applicable.
Packing group (IATA)	Not applicable.
Packing group (ADN)	Not applicable.
Packing group (RID)	Not applicable.

14.5. Environmental hazards

Dangerous for the environment	No
Marine pollutant	No
Other information	No supplementary information available.

14.6. Special precautions for user

Overland transport
Not applicable.

Transport by sea

Not applicable.

Air transport

Not applicable.

Inland waterway transport

Not applicable.

Rail transport

Not applicable.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

15. SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU-Regulations**

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006

Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts - Benzenesulfonic acid, di-C10-14-alkyl derivs., calcium salts	3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts	3(c) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC (EU) 0 %

National regulations

No additional information available.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

16. SECTION 16: Other information**Abbreviations and acronyms**

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE	Acute Toxicity Estimate.
BCF	Bioconcentration factor.
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.
CAO	Cargo Aircraft only.
DMEL	Derived Minimal Effect level.
DNEL	Derived-No Effect Level.
EC50	Median effective concentration.
IARC	International Agency for Research on Cancer.
IATA	International Air Transport Association.
IMDG	International Maritime Dangerous Goods.

LC50	Median lethal concentration.
LD50	Median lethal dose.
LOAEL	Lowest Observed Adverse Effect Level.
NOAEC	No-Observed Adverse Effect Concentration.
NOAEL	No-Observed Adverse Effect Level.
NOEC	No-Observed Effect Concentration.
OECD	Organisation for Economic Co-operation and Development.
OEL	Occupational Exposure Limit.
PBT	Persistent Bioaccumulative Toxic.
PCA	PASSENGER AND CARGO AIRCRAFT.
PNEC	Predicted No-Effect Concentration.
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.
RRN	REACH Registration Number.
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail.
SDS	Safety Data Sheet.
STP	Sewage treatment plant.
TLM	Median Tolerance Limit.
vPvB	Very Persistent and Very Bioaccumulative.

Full text of H- and EUH-statements

Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1.
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2.
Skin Irrit. 2	Skin corrosion/irritation, Category 2.
Skin Sens. 1	Skin sensitisation, Category 1.
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.
EUH208	Contains . May produce an allergic reaction.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Eye Irrit. 2	H319	Calculation method
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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.

Attachment to the Safety Data Sheet



Product Name: Grease CB-HT
Ford Int. Ref. No.: 170075

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Involved Products:

	Finiscode	Part number	Container Size:
1.	1 776 432	CU7J M1C228 AA	400 g