

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

**febi 22806 automatic transmission fluid (ATF)**  
**Article number: 22806, 26681, 26680, 30018**  
**UFI: 4051-421H-000D-R1X6**

**1.2 Relevant identified uses of the substance or mixture and uses advised against****1.2.1 Relevant uses**

Gearbox oil

**1.2.2 Uses advised against**

None known.

**1.3 Details of the supplier of the safety data sheet**

**Company** Ferdinand Bilstein GmbH + Co. KG  
 Wilhelmstr. 47  
 58256 Ennepetal / GERMANY  
 Phone +49 2333 911-0  
 Fax +49 2333 911-444  
 Homepage www.febi.com  
 E-mail info@febi.com

**Address enquiries to**

**Technical information** info@febi.com

**Safety Data Sheet** info@febi.com

**1.4 Emergency telephone number**

**Advisory body** +49 (0)89-19240 (24h) (English)

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture [REGULATION (GB) CLP]**

Skin Sens. 1: H317 May cause an allergic skin reaction.

**2.2 Label elements**

The product is required to be labelled in accordance with regulation CLP.

**Hazard pictograms****Signal word**

WARNING

**Contains:**

reaction product of: polyethylene-polyamine-(C16-C18)-alkylamides with monothio-(C2)-alkyl phosphonates  
 1,1'-[iminobis(ethyleneiminoethylene)]bis[3-(octadecenyl)pyrrolidine-2,5-dione]

**Hazard statements**

H317 May cause an allergic skin reaction.

**Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.  
 P102 Keep out of reach of children.  
 P280 Wear protective gloves.  
 P332+P313 If skin irritation occurs: Get medical advice / attention.  
 P501 Dispose of contents/container to approved disposal company or municipal collection point.

**2.3 Other hazards****Human health dangers**

Frequent persistent contact with the skin can cause skin irritation.

**Other hazards**

none

**SECTION 3: Composition / Information on ingredients****3.1 Substances**

not applicable

**3.2 Mixtures**

The product is a mixture.

Range [%]	Substance
30 - 60	Distillates (petroleum), hydrotreated light paraffinic CAS: 64742-55-8, EINECS/ELINCS: 265-158-7, EU-INDEX: 649-468-00-3, Reg-No.: 01-2119487077-29-XXXX GHS/CLP: Asp. Tox. 1: H304
5 - < 15	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (containing < 3% DMSO-extract) CAS: 72623-86-0, EINECS/ELINCS: 276-737-9, EU-INDEX: 649-221-00-X GHS/CLP: Asp. Tox. 1: H304
1 - < 2,5	Distillates (petroleum), solvent-dewaxed heavy paraffinic (< 3% DMSO Extract) CAS: 64742-65-0, EINECS/ELINCS: 265-169-7, Reg-No.: 01-2119471299-27-XXXX GHS/CLP: Asp. Tox. 1: H304
1 - < 2,5	Distillates (petroleum), solvent-dewaxed light paraffinic (containing < 3% DMSO-extract) CAS: 64742-56-9, EINECS/ELINCS: 265-159-2, Reg-No.: 01-2119480132-48-XXXX GHS/CLP: Asp. Tox. 1: H304
1 - < 2,5	Distillates (petroleum), hydrotreated light naphthenic CAS: 64742-53-6, EINECS/ELINCS: 265-156-6, EU-INDEX: 649-466-00-2, Reg-No.: 01-2119480375-34-XXXX GHS/CLP: Asp. Tox. 1: H304
1 - < 2,5	reaction product of: polyethylene-polyamine-(C16-C18)-alkylamides with monothio-(C2)-alkyl phosphonates EINECS/ELINCS: 417-450-2, EU-INDEX: 650-042-00-4, Reg-No.: 01-0000016426-70-XXXX GHS/CLP: Skin Sens. 1: H317 - Aquatic Chronic 3: H412 - Eye Irrit. 2: H319 - Skin Irrit. 2: H315
0,1 - < 1	1,1'-[iminobis(ethyleneiminoethylene)]bis[3-(octadecenyl)pyrrolidine-2,5-dione] CAS: 64051-50-9, EINECS/ELINCS: 264-637-8 GHS/CLP: Skin Sens. 1B: H317 - Aquatic Chronic 3: H412

**Comment on component parts**

Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.  
For full text of H-statements: see SECTION 16.

**SECTION 4: First aid measures****4.1 Description of first aid measures****General information**

Take off contaminated clothing and wash before reuse.

**Inhalation**

Ensure supply of fresh air.  
In the event of symptoms seek medical treatment.

**Skin contact**

When in contact with the skin, clean with soap and water.  
Consult a doctor if skin irritation persists.

**Eye 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**

Seek medical advice immediately.  
Do not induce vomiting.  
Rinse out mouth and give plenty of water to drink.

**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**

If swallowed or in the event of vomiting, risk of product entering the lungs.  
Forward this sheet to your doctor.

## SECTION 5: Fire-fighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media** foam, dry powder, water spray jet, carbon dioxide

**Extinguishing media that must not be used** Full water jet.

### 5.2 Special hazards arising from the substance or mixture

Not combusted hydrocarbons.  
Risk of formation of toxic pyrolysis products.  
Carbon monoxide (CO)  
Sulphur oxides (SO<sub>x</sub>).  
Nitrogen oxides (NO<sub>x</sub>).

### 5.3 Advice for firefighters

Do not inhale explosion and/or combustion gases.  
Use self-contained breathing apparatus.

Cool containers at risk with water spray jet.  
Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

High risk of slipping due to leakage/spillage of product.  
Forms slippery surfaces with water.

### 6.2 Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers).  
Do not discharge into the drains/surface waters/groundwater.

### 6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g. general-purpose binder).  
Dispose of absorbed material in accordance within the regulations.

### 6.4 Reference to other sections

See SECTION 8+13

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

No special measures necessary if used correctly.

The product is combustible.  
Fire class (DIN EN 2): B

Do not eat, drink or smoke when using this product.  
Use barrier skin cream.

Wash hands before breaks and after work.  
Cloths contaminated with product should not be kept in trouser pockets.  
Contaminated work clothing should not be allowed out of the workplace.  
Take off contaminated clothing and wash before reuse.



**Ferdinand Bilstein GmbH + Co. KG**

Date printed 26.01.2022, Revision 26.01.2022

Version 12. Supersedes version: 11

Page 4 / 15

**7.2 Conditions for safe storage, including any incompatibilities**

- Keep only in original container.
- Prevent penetration into the ground.
- Do not store together with food and animal food/diet.
- Do not store together with oxidizing agents.
- Keep container tightly closed.
- Keep container in a well-ventilated place.
- Protect from heat/overheating.

**7.3 Specific end use(s)**

See product use, SECTION 1.2

**SECTION 8: Exposure controls / personal protection**

**8.1 Control parameters**

**Ingredients with occupational exposure limits to be monitored (GB)**

not applicable

**DNEL**

Substance
Distillates (petroleum), solvent-dewaxed light paraffinic (containing < 3% DMSO-extract), CAS: 64742-56-9
Industrial, dermal, Long-term - systemic effects, 0,97 mg/kg bw/day
Industrial, inhalative, Long-term - local effects, 5,58 mg/m <sup>3</sup>
Industrial, inhalative, Long-term - systemic effects, 2,73 mg/m <sup>3</sup>
general population, oral, Long-term - systemic effects, 0,74 mg/kg bw/day
Distillates (petroleum), hydrotreated light paraffinic, CAS: 64742-55-8
Industrial, inhalative, Long-term - local effects, 5,4 mg/m <sup>3</sup> /8h (Aerosol)
general population, inhalative, Long-term - local effects, 1,2 mg/m <sup>3</sup> /24h (Aerosol)
Distillates (petroleum), solvent-dewaxed heavy paraffinic (< 3% DMSO Extrakt), CAS: 64742-65-0
worker, dermal, Long-term - systemic effects, 970 µg/kg bw/day
worker, inhalative, Long-term - local effects, 5.58 mg/m <sup>3</sup>
worker, inhalative, Long-term - systemic effects, 2.73 mg/m <sup>3</sup>
general population, oral, Long-term - local effects, 740 µg/kg bw/day
general population, inhalative, Long-term - local effects, 1.19 mg/m <sup>3</sup>
Distillates (petroleum), hydrotreated light naphthenic, CAS: 64742-53-6
Industrial, dermal, Long-term - systemic effects, 0,97 mg/kg bw/day
Industrial, inhalative, Long-term - local effects, 5,58 mg/m <sup>3</sup>
Industrial, inhalative, Long-term - systemic effects, 2,73 mg/m <sup>3</sup>
general population, oral, Long-term - systemic effects, 0,74 mg/kg bw/day
2,7 mg/m <sup>3</sup>

**PNEC**

Substance
Distillates (petroleum), solvent-dewaxed light paraffinic (containing < 3% DMSO-extract), CAS: 64742-56-9
oral (food), 9,33 mg/kg food
Distillates (petroleum), solvent-dewaxed heavy paraffinic (< 3% DMSO Extrakt), CAS: 64742-65-0
oral (food), 9,33 mg/kg food
Distillates (petroleum), hydrotreated light naphthenic, CAS: 64742-53-6
oral (food), 9,33 mg/kg food

## 8.2 Exposure controls

<b>Additional advice on system design</b>	Ensure adequate ventilation on workstation. Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances. General exposure limit for oil mist should be noted.
<b>Eye protection</b>	If there is a risk of splashing: Safety glasses. (EN 166:2001)
<b>Hand protection</b>	The details concerned are recommendations. Please contact the glove supplier for further information. > 0,4 mm: Nitrile rubber, >480 min (EN 374-1/-2/-3). > 0,4 mm: Neoprene, >480 min (EN 374-1/-2/-3).
<b>Skin protection</b>	Light protective clothing.
<b>Other</b>	Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier. Avoid contact with eyes and skin.
<b>Respiratory protection</b>	Breathing apparatus in the event of aerosol or mist formation. Short term: filter apparatus, combination filter A-P1. (DIN EN 14387)
<b>Thermal hazards</b>	No information available.
<b>Delimitation and monitoring of the environmental exposition</b>	Comply with applicable environmental regulations limiting discharge to air, water and soil.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state	liquid
Color	red violet
Odor	characteristic
Odour threshold	No information available.
pH-value	not applicable
pH-value [1%]	not applicable
Boiling point [°C]	No information available.
Flash point [°C]	> 170 (DIN ISO 2592)
Flammability (solid, gas) [°C]	No information available.
Lower explosion limit	No information available.
Upper explosion limit	No information available.
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	< 0,01 (20°C)
Density [g/cm <sup>3</sup> ]	ca. 0,85 (DIN 51757) (15 °C / 59,0 °F)
Relative density	not determined
Bulk density [kg/m <sup>3</sup> ]	not applicable
Solubility in water	immiscible
Solubility other solvents	No information available.
Partition coefficient [n-octanol/water]	No information available.
Kinematic viscosity	ca. 33 mm <sup>2</sup> /s (40°C) (DIN 51562/T1) ca. 7,4 mm <sup>2</sup> /s (100°C)
Relative vapour density	No information available.
Evaporation speed	No information available.
Melting point [°C]	ca. -42 (DIN ISO 3016)
Auto-ignition temperature	No information available.
Decomposition temperature [°C]	No information available.
Particle characteristics	No information available.

### 9.2 Other information

No information available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No dangerous reactions known if used as directed.

### 10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

### 10.3 Possibility of hazardous reactions

Reactions with strong acids.  
Reactions with strong oxidizing agents.

### 10.4 Conditions to avoid

Strong heating, because the thermal decomposition starts from > 100°C.



**Ferdinand Bilstein GmbH + Co. KG**

Date printed 26.01.2022, Revision 26.01.2022

Version 12. Supersedes version: 11

Page 7 / 15

**10.5 Incompatible materials**

Oxidizing agent

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

## SECTION 11: Toxicological information

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

## Acute oral toxicity

Product
oral, Based on the available information, the classification criteria are not fulfilled.
Substance
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (containing < 3% DMSO-extract), CAS: 72623-86-0
LD50, oral, Rat, > 5000 mg/kg
reaction product of: polyethylene-polyamine-(C16-C18)-alkylamides with monothio-(C2)-alkyl phosphonates
LD50, oral, Rat, > 2000 mg/kg bw
Distillates (petroleum), solvent-dewaxed light paraffinic (containing < 3% DMSO-extract), CAS: 64742-56-9
LD50, oral, Rat, >5000 mg/kg bw (OECD 401)
NOAEL, oral, Rat, >1000 mg/kg bw (OECD 421)
Distillates (petroleum), hydrotreated light paraffinic, CAS: 64742-55-8
LD50, oral, Rat, > 5000 mg/kg (OECD 420)
Distillates (petroleum), solvent-dewaxed heavy paraffinic (< 3% DMSO Extrakt), CAS: 64742-65-0
LD50, oral, Rat, 5000 mg/kg bw
Distillates (petroleum), hydrotreated light naphthenic, CAS: 64742-53-6
LD50, oral, Rat, > 5000 mg/kg

## Acute dermal toxicity

Product
dermal, Based on the available information, the classification criteria are not fulfilled.
Substance
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (containing < 3% DMSO-extract), CAS: 72623-86-0
LD50, dermal, Rabbit, > 5000 mg/kg
Distillates (petroleum), solvent-dewaxed light paraffinic (containing < 3% DMSO-extract), CAS: 64742-56-9
LD50, dermal, Rabbit, >5000 mg/kg bw (OECD 403)
NOAEL, dermal, Rat, >2000 mg/kg bw (OECD 414)
Distillates (petroleum), hydrotreated light paraffinic, CAS: 64742-55-8
LD50, dermal, Rabbit, > 5000 mg/kg (OECD 402)
Distillates (petroleum), solvent-dewaxed heavy paraffinic (< 3% DMSO Extrakt), CAS: 64742-65-0
LD50, dermal, Rabbit, 2000 - 5000 mg/kg bw
Distillates (petroleum), hydrotreated light naphthenic, CAS: 64742-53-6
LD50, dermal, Rabbit, > 2000 mg/kg

## Acute inhalational toxicity

Product
inhalative, Based on the available information, the classification criteria are not fulfilled.
Substance
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (containing < 3% DMSO-extract), CAS: 72623-86-0
LC50, inhalative, Rat, > 5000 mg/m <sup>3</sup> (4h)





Ferdinand Bilstein GmbH + Co. KG

Date printed 26.01.2022, Revision 26.01.2022

Version 12. Supersedes version: 11

Page 9 / 15

Distillates (petroleum), solvent-dewaxed light paraffinic (containing < 3% DMSO-extract), CAS: 64742-56-9
LC50, inhalative, Rat, >5,53 mg/l air (OECD 403)
Distillates (petroleum), hydrotreated light paraffinic, CAS: 64742-55-8
LC50, inhalative, Rat, > 5 mg/l /4h(Aerosol) (OECD 403)
Distillates (petroleum), solvent-dewaxed heavy paraffinic (< 3% DMSO Extrakt), CAS: 64742-65-0
LC50, inhalative, Rat, 2,18 - 5,53 mg/L air, 4h
Distillates (petroleum), hydrotreated light naphthenic, CAS: 64742-53-6
LC50, inhalative, Rat, > 5 mg/l/4h

**Serious eye damage/irritation** Based on the available information, the classification criteria are not fulfilled.

Substance
Distillates (petroleum), solvent-dewaxed heavy paraffinic (< 3% DMSO Extrakt), CAS: 64742-65-0
no adverse effect observed

**Skin corrosion/irritation** Based on the available information, the classification criteria are not fulfilled.

Substance
Distillates (petroleum), solvent-dewaxed heavy paraffinic (< 3% DMSO Extrakt), CAS: 64742-65-0
no adverse effect observed

**Respiratory or skin sensitisation** Toxicological data of complete product are not available.  
May cause an allergic skin reaction.  
Calculation method

Substance
Distillates (petroleum), solvent-dewaxed heavy paraffinic (< 3% DMSO Extrakt), CAS: 64742-65-0
no adverse effect observed

**Specific target organ toxicity — single exposure** Based on the available information, the classification criteria are not fulfilled.

**Specific target organ toxicity — repeated exposure** Based on the available information, the classification criteria are not fulfilled.

Substance
Distillates (petroleum), solvent-dewaxed light paraffinic (containing < 3% DMSO-extract), CAS: 64742-56-9
NOAEC, inhalative, Rat, 980 mg/m <sup>3</sup> , no adverse effect observed
LOAEL, oral, Rat, 125 mg/kg bw/day, adverse effect observed
Distillates (petroleum), solvent-dewaxed heavy paraffinic (< 3% DMSO Extrakt), CAS: 64742-65-0
NOAEL, dermal, Rabbit, 1000 mg/kg bw/day
NOAEL, inhalative, Rat, 980 mg/m <sup>3</sup> air
LOAEL, oral, Rat, 125 mg/kg bw/day

**Mutagenicity** Based on the available information, the classification criteria are not fulfilled.

Substance
Distillates (petroleum), solvent-dewaxed heavy paraffinic (< 3% DMSO Extrakt), CAS: 64742-65-0
in vitro, negativ

**Reproduction toxicity** Based on the available information, the classification criteria are not fulfilled.

Substance
Distillates (petroleum), solvent-dewaxed light paraffinic (containing < 3% DMSO-extract), CAS: 64742-56-9
NOAEL, oral, Rat, 1000 mg/kg bw/day, In vivo study, negativ
Distillates (petroleum), solvent-dewaxed heavy paraffinic (< 3% DMSO Extrakt), CAS: 64742-65-0



Ferdinand Bilstein GmbH + Co. KG

Date printed 26.01.2022, Revision 26.01.2022

Version 12. Supersedes version: 11

Page 10 / 15

NOAEL, oral, Rat, 1000 mg/kg bw/d (Effect on fertility), no adverse effect observed

**Carcinogenicity** Based on the available information, the classification criteria are not fulfilled.

**Aspiration hazard** Based on the available information, the classification criteria are not fulfilled.

**General remarks** Toxicological data of complete product are not available.  
The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists.

11.2 Information on other hazards

**Endocrine disrupting properties** No information available.

**Other information** none

**SECTION 12: Ecological information**

12.1 Toxicity

Product

Based on the available information, the classification criteria are not fulfilled.

Substance

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (containing < 3% DMSO-extract), CAS: 72623-86-0

EL50, (24h), Daphnia magna, >10000 mg/l (OECD 202)

LL50, (96h), Pimephales promelas, >100 mg/l (OECD 203)

NOEL, (21d), Daphnia magna, 10 mg/l (OECD 211)

NOEL, (72h), Pseudokirchneriella subcapitata, >= 100 mg/l (OECD 201)

Distillates (petroleum), solvent-dewaxed light paraffinic (containing < 3% DMSO-extract), CAS: 64742-56-9

EL50, (24h), Daphnia magna, >10000 mg/l (OECD 202)

LL50, (96h), Pimephales promelas, >100 mg/l (OECD 203)

NOEL, (72h), Pseudokirchneriella subcapitata, >100 mg/l (OECD 201)

NOEL, (21d), Daphnia magna, 10 mg/l (OECD 211)

Distillates (petroleum), hydrotreated light paraffinic, CAS: 64742-55-8

EL50, (72h), Pseudokirchneriella subcapitata, > 100 mg/l (OECD 201)

EL50, (48h), Daphnia magna, > 10000 mg/l (OECD 202)

LL50, (96h), Oncorhynchus mykiss, > 100 mg/l (OECD 203)

NOAEL, Oncorhynchus mykiss, > 1000 mg/l (14/28d)(QSAR Petrotox))

NOAEL, (21d), Daphnia magna, 10 mg/l (OECD 211)

Distillates (petroleum), solvent-dewaxed heavy paraffinic (< 3% DMSO Extrakt), CAS: 64742-65-0

NOELR, (14d), fish, 1 g/L

LL50, (96h), fish, 100 mg/L

LL50, (96h), Invertebrates, 10 g/L

Distillates (petroleum), hydrotreated light naphthenic, CAS: 64742-53-6

EL50, (48h), Daphnia magna, > 1000 mg/l

LL50, (96h), Pimephales promelas, > 100 mg/l

NOEL, (72h), Pseudokirchneriella subcapitata, 100 mg/L (OECD 201, KS=2)



**Ferdinand Bilstein GmbH + Co. KG**

Date printed 26.01.2022, Revision 26.01.2022

Version 12. Supersedes version: 11

Page 11 / 15

**12.2 Persistence and degradability**

<b>Behaviour in environment compartments</b>	not determined
<b>Behaviour in sewage plant</b>	Can be separated out mechanically in purification plants.
<b>Biological degradability</b>	The product is not readily biodegradable.

**12.3 Bioaccumulative potential**

No information available.

**12.4 Mobility in soil**

No information available.

**12.5 Results of PBT and vPvB assessment**

Based on all available information not to be classified as PBT or vPvB respectively.

**12.6 Endocrine disrupting properties**

No information available.

**12.7 Other adverse effects**

Do not discharge product unmonitored into the environment or into the drainage.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

<b>Product</b>	Dispose of as hazardous waste.
<b>Waste no. (recommended)</b>	130205* mineral-based non-chlorinated engine, gear and lubricating oils
<b>Contaminated packaging</b>	Uncontaminated packaging may be taken for recycling. Packaging that cannot be cleaned should be disposed of as for product.
<b>Waste no. (recommended)</b>	150102 150104 150110* packaging containing residues of or contaminated by hazardous substances

**SECTION 14: Transport information**

**14.1 UN number or ID number**

<b>Transport by land according to ADR/RID</b>	not applicable
<b>Inland navigation (ADN)</b>	not applicable
<b>Marine transport in accordance with IMDG</b>	not applicable
<b>Air transport in accordance with IATA</b>	not applicable

**Ferdinand Bilstein GmbH + Co. KG**

Date printed 26.01.2022, Revision 26.01.2022

Version 12. Supersedes version: 11

Page 12 / 15

**14.2 UN proper shipping name**

Transport by land according to ADR/RID	NO DANGEROUS GOODS
Inland navigation (ADN)	NO DANGEROUS GOODS
Marine transport in accordance with IMDG	NOT CLASSIFIED AS "DANGEROUS GOODS"
Air transport in accordance with IATA	NOT CLASSIFIED AS "DANGEROUS GOODS"

**14.3 Transport hazard class(es)**

Transport by land according to ADR/RID	not applicable
Inland navigation (ADN)	not applicable
Marine transport in accordance with IMDG	not applicable
Air transport in accordance with IATA	not applicable

**14.4 Packing group**

Transport by land according to ADR/RID	not applicable
Inland navigation (ADN)	not applicable
Marine transport in accordance with IMDG	not applicable
Air transport in accordance with IATA	not applicable

**14.5 Environmental hazards**

Transport by land according to ADR/RID	no
Inland navigation (ADN)	no
Marine transport in accordance with IMDG	no
Air transport in accordance with IATA	no

**14.6 Special precautions for user**

Relevant information under SECTION 6 to 8.

**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

<b>EEC-REGULATIONS</b>	2008/98/EC 2000/532/EC; 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014
<b>TRANSPORT-REGULATIONS</b>	ADR (2021); IMDG-Code (2021, 40. Amdt.); IATA-DGR (2021)
<b>NATIONAL REGULATIONS (GB):</b>	EH40/2005 Workplace exposure limits (Second edition, published December 2011); UK REACH; GB CLP.
- Observe employment restrictions for people	Observe employment restrictions for mothers-to-be and nursing mothers. Observe employment restrictions for young people.
- VOC (2010/75/CE)	not applicable

### 15.2 Chemical safety assessment

not applicable

## SECTION 16: Other information

### 16.1 Hazard statements (SECTION 3)

H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.  
H317 May cause an allergic skin reaction.

**16.2 Abbreviations and acronyms:**

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route  
 RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses  
 ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure  
 ATE = acute toxicity estimate  
 CAS = Chemical Abstracts Service  
 CLP = Classification, Labelling and Packaging  
 DMEL = Derived Minimum Effect Level  
 DNEL = Derived No Effect Level  
 EC50 = Median effective concentration  
 ECB = European Chemicals Bureau  
 EEC = European Economic Community  
 EINECS = European Inventory of Existing Commercial Chemical Substances  
 EL50 = Median effective loading  
 ELINCS = European List of Notified Chemical Substances  
 EmS = Emergency Schedules  
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
 IATA = International Air Transport Association  
 IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk  
 IC50 = Inhibition concentration, 50%  
 IMDG = International Maritime Code for Dangerous Goods  
 IUCLID = International Uniform Chemical Information Database  
 IVIS = In vitro irritation score  
 LC50 = Lethal concentration, 50%  
 LD50 = Median lethal dose  
 LC0 = lethal concentration, 0%  
 LOAEL = lowest-observed-adverse-effect level  
 LL50 = Median lethal loading  
 LQ = Limited Quantities  
 MARPOL = International Convention for the Prevention of Marine Pollution from Ships  
 NOAEL = No Observed Adverse Effect Level  
 NOEC = No Observed Effect Concentration  
 PBT = Persistent, Bioaccumulative and Toxic substance  
 PNEC = Predicted No-Effect Concentration  
 REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals  
 STP = Sewage Treatment Plant  
 TLV@TWA = Threshold limit value – time-weighted average  
 TLV@STEL = Threshold limit value – short-time exposure limit  
 VOC = Volatile Organic Compounds  
 vPvB = very Persistent and very Bioaccumulative

**16.3 Other information****Classification procedure**

Skin Sens. 1: H317 May cause an allergic skin reaction. (Calculation method)

**Modified position**

SECTION 3 been added: Distillates (petroleum), solvent-dewaxed heavy paraffinic (< 3% DMSO Extrakt)

SECTION 3 been added: Distillates (petroleum), solvent-dewaxed light paraffinic (containing < 3% DMSO-extract)

SECTION 3 been added: Distillates (petroleum), hydrotreated light naphthenic

SECTION 2 been added: 1,1'-[iminobis(ethyleneiminoethylene)]bis[3-(octadecenyl)pyrrolidine-2,5-dione]

SECTION 2 been added: reaction product of: polyethylene-polyamine-(C16-C18)-alkylamides with monothio-(C2)-alkyl phosphonates

SECTION 2 been added: H317 May cause an allergic skin reaction.

SECTION 2 been added: exclamation mark

SECTION 2 been added: Skin Sens. 1

SECTION 2 deleted: EUH210 Safety data sheet available on request.

**Safety Data Sheet (UK REACH) (GB)**

**febi 22806 automatic transmission fluid (ATF) Article number 22806, 26681,  
26680, 30018**



**Ferdinand Bilstein GmbH + Co. KG**

Date printed 26.01.2022, Revision 26.01.2022

Version 12. Supersedes version: 11

Page 15 / 15