

Ferdinand Bilstein GmbH + Co. KG

Date printed 14.02.2011, Revision 14.02.2011

Version 01

Page 1 / 6

## 1 Identification of the substance / preparation and of the company

### 1.1 Product identifier

**febi 02582 grease**  
**Article number 02582**

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

See product designation

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

<b>Company</b>	Ferdinand Bilstein GmbH + Co. KG Wilhelmstr. 47 58256 Ennepetal / GERMANY Phone: +49 2333 911-0 Fax: +49 2333 911-444 Homepage: www.febl.com E-mail: info@febl.com
<b>Responsible</b>	Schroeder@chemiebuero.de

### 1.4 Emergency phone

+49 (0) 89-19240 (24h)

## 2 Hazards identification

### 2.1 Classification of the substance or mixture

#### 2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]

not applicable

#### 2.1.2 Classification according to Regulation 67/548/EEC or 1999/45/EC

The product does not require a hazard warning label in accordance with EC-directives.

### 2.2 Label elements

<b>Hazard symbols</b>	none
<b>R-phrases</b>	none
<b>S-phrases</b>	none
<b>Special labelling</b>	Safety data sheet available for professional user on request.

### 2.3 Other hazards

<b>Physico-chemical hazards</b>	See chapter 10.
<b>Human health dangers</b>	Frequent persistent contact with the skin can cause skin irritation.
<b>Environmental hazards</b>	The product/the substance has the Water Hazard Class 1.
<b>Other hazards</b>	No particular hazards known.

## 3 Composition / Information on ingredients

### 3.1 Substances

The product in question is a mixture.

### 3.2 Mixtures

Range [%]	Substance
1 - < 20	Fatty acid soap
	CAS:
	GHS/CLP: not applicable
	EEC: Xi R36/38

### Comment on component parts

Substances of Very High Concern - SVHC: substances are not contained or below 0,1%.  
For the wording of the listed risk phrases refer to section 16.

Ferdinand Bilstein GmbH + Co. KG

Date printed 14.02.2011, Revision 14.02.2011

Version 01

Page 2 / 6

#### 4 First aid measures

##### 4.1 Description of first aid measures

<b>General information</b>	Change soaked clothing.
<b>Inhalation</b>	Ensure supply of fresh air. In the event of symptoms seek for medical treatment.
<b>Skin contact</b>	When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists.
<b>Eye contact</b>	In case of contact with eyes rinse thoroughly with water. In the event of symptoms seek for medical treatment.
<b>Ingestion</b>	Consult a doctor immediately. Do not induce vomiting.

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

No informations available.

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

Treat symptomatically.

#### 5 Fire-fighting measures

##### 5.1 Extinguishing media

<b>Suitable extinguishing media</b>	Carbon dioxide. Water spray jet. Dry powder. Foam.
<b>Extinguishing media that must not be used</b>	Full water jet.

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

Unknown risk of formation of toxic pyrolysis products.

##### 5.3 Advice for firefighters

Use self-contained breathing apparatus.  
Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

#### 6 Accidental release measures

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

High risk of slipping due to leakage/spillage of product.

##### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

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

Take up mechanically.  
Dispose of absorbed material in accordance within the regulations.

##### 6.4 Reference to other sections

See Chapter 8+13

#### 7 Handling and storage

##### 7.1 Precautions for safe handling

No special measures necessary if used correctly.  
No special measures necessary.

Ferdinand Bilstein GmbH + Co. KG

Date printed 14.02.2011, Revision 14.02.2011

Version 01

Page 3 / 6

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

Keep only in original container.  
Do not store together with oxidizing agents.  
Keep container tightly closed.  
Keep in a cool place.

### 7.3 Specific end use(s)

See product use, Chapter 1.2

## 8 Exposure controls / personal protection

### 8.1 Control parameters

not applicable

### 8.2 Exposure controls

<b>Additional advice on system design</b>	Ensure adequate ventilation on workstation.
<b>Eye protection</b>	Safety glasses.
<b>Hand protection</b>	Nitrile rubber, >480 min (EN 374). The details concerned are recommendations. Please contact the glove supplier for further information.
<b>Skin protection</b>	not applicable
<b>Other</b>	Avoid contact with eyes and skin. Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of these equipments to chemicals should be ascertained with the respective supplier. Use barrier skin cream. Wash hands before breaks and after work. Cloths contaminated with product should not be kept in trouser pockets.
<b>Respiratory protection</b>	Breathing apparatus in the event of high concentrations. Short term: filter apparatus, combination filter A-P2.
<b>Thermal hazards</b>	No informations available.
<b>Delimitation and monitoring of the environmental exposition</b>	not determined

Ferdinand Bilstein GmbH + Co. KG

Date printed 14.02.2011, Revision 14.02.2011

Version 01

Page 4 / 6

## 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Form	pasty
Color	grey
Odor	characteristic
Odour threshold	not determined
pH-value	not applicable
pH-value [1%]	not applicable
Boiling point [°C]	not determined
Flash point [°C]	> 100
Flammability [°C]	not determined
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Oxidizing properties	no
Vapour pressure [kPa]	not determined
Density [g/ml]	~ 0,9 (20°C / 68,0°F)
Bulk density [kg/m³]	not applicable
Solubility in water	insoluble
Partition coefficient [n-octanol/water]	not determined
Viscosity	not applicable
Relative vapour density determined in air	not determined
Evaporation speed	not determined
Melting point [°C]	95 (TP)
Autoignition temperature [°C]	not applicable
Decomposition temperature	not determined

### 9.2 Other information

No informations available.

## 10 Stability and reactivity

### 10.1 Reactivity

See chapter 10.3.

### 10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

### 10.3 Possibility of hazardous reactions

Reactions with strong oxidizing agents.

### 10.4 Conditions to avoid

See chapter 7.2.

### 10.5 Incompatible materials

No informations available.

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

Ferdinand Bilstein GmbH + Co. KG

Date printed 14.02.2011, Revision 14.02.2011

Version 01

Page 5 / 6

## 11 Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Serious eye damage/irritation	not determined
Skin corrosion/irritation	not determined
Respiratory or skin sensitisation	not determined
Specific target organ toxicity — single exposure	not determined
Specific target organ toxicity — repeated exposure	not determined
Mutagenicity	not determined
Reproduction toxicity	not determined
Carcinogenicity	not determined
General remarks	

No classification on the basis of the calculation procedure of the preparation directive.  
Toxicological data are not available.

## 12 Ecological information

### 12.1 Toxicity

### 12.2 Persistence and degradability

Behaviour in environment compartments	not determined
Behaviour in sewage plant	not determined
Biological degradability	not determined

### 12.3 Bioaccumulative potential

No informations available.

### 12.4 Mobility in soil

No informations available.

### 12.5 Results of PBT and vPvB assessment

No informations available.

### 12.6 Other adverse effects

No classification on the basis of the calculation procedure of the preparation directive.  
Ecological data are not available.  
Do not discharge product unmonitored into the environment or into the drainage.

## 13 Disposal considerations

### 13.1 Waste treatment methods

Coordinate the waste disposal with the national authorities.

#### Product

Disposal in an incineration plant in accordance with the regulations of the local authorities.  
For recycling, consult manufacturer.

#### Waste no. (recommended)

120112\* spent waxes and fats

#### Contaminated packaging

Uncontaminated packaging may be taken for recycling.  
Uncontaminated packaging may be reused.

#### Waste no. (recommended)

150110\*

Ferdinand Bilstein GmbH + Co. KG

Date printed 14.02.2011, Revision 14.02.2011

Version 01

Page 6 / 6

## 14 Transport information

### 14.1 UN number

See point 14.2 in accordance with UN shipping name

### 14.2 UN proper shipping name

Classification according to ADR	NO DANGEROUS GOODS
Classification according to IMDG	NOT CLASSIFIED AS "DANGEROUS GOODS"
Classification according to IATA	NOT CLASSIFIED AS "DANGEROUS GOODS"

### 14.3 Transport hazard class(es)

See point 14.2 in accordance with UN shipping name

### 14.4 Packing group

See point 14.2 in accordance with UN shipping name

### 14.5 Environmental hazards

See point 14.2 in accordance with UN shipping name

### 14.6 Special precautions for user

Relevant information under points 6 to 8.

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

not applicable

## 15 Regulatory information

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

EEC-REGULATIONS	1967/548 (1999/45); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (Reach); 1272/2008; 75/324/EEC (2008/47/EC); 453/2010/EC
TRANSPORT-REGULATIONS	DOT-Classification, ADR (2011); IMDG-Code (2011, 35. Amdt.); IATA-DGR (2011).
NATIONAL REGULATIONS (GB):	EH40/2005 Workplace exposure limits with amendments October 2007. CHIP 3/ CHIP 4

### 15.2 Chemical safety assessment

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

## 16 Other informations

R-phrases (Chapter 03)	R 36/38: Irritating to eyes and skin.
Observe employment restrictions for people	no
VOC (1999/13/CE)	not determined

Disclaimer: This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.  
Copyright: Chemiebüro®