

# Safety data sheet

Version: 02.02/USA

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## SECTION 1: Identification

### 1.1. Product identifier

Trade name: LGBB 2

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

Recommended uses: Lubricant Lubricating grease

For Chemical Emergency  
Spill, Leak, Fire, Exposure, or Accident  
Call CHEMTREC Day or Night  
Within USA and Canada: 1-800-424-9300  
1 703-527-3887 (collect calls accepted)

Location:  
CHEMTREC  
2900 Fairview Park Drive  
Falls Church VA 22042-4513  
USA

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

Supplier: SKF MAINTENANCE PRODUCTS  
Postbus 1008  
NL-3430 BA Nieuwegein  
The Netherlands  
Tel: +31 30 6307200  
Email: sebastien.david@skf.com  
WWW: www.skf.com

### 1.4. Emergency telephone number

+31 30 6307200

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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification: Aquatic Chronic 3

Most serious harmful effects: Harmful to aquatic life with long lasting effects.  
May cause slight irritation to the skin and eyes. Individuals with a known allergy to benzene-1,2:4,5-tetracarboxylic dianhydride may exhibit an allergic response to the product.

### 2.2. Label elements

H-phrases: Harmful to aquatic life with long lasting effects.

P-phrases: Avoid release to the environment.  
Dispose of contents/container in accordance with local regulation.

### 2.3. Other hazards

None known.

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## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

CAS No.	Substance	w/w%	Note
38900-29-7-A	Dilithium azelate	1 - 5	.
254-184-4	.	.	.
67874-71-9-A	bismuth tris(2-ethylhexanoate)	1 - 5	.
267-499-7	.	.	.
12001-85-3-H	Naphthenic acids, zinc salts	1 - 2,5	.
234-409-2	.	.	.
89-32-7-A	benzene-1,2:4,5-tetracarboxylic dianhydride	0,1 - 1	.
201-898-9	.	.	.
124-30-1-B	octadecylamine-	0,01 -	.
204-695-3	.	0,25	.
1213789-63-9	C16-18-(even numbered, saturated and unsaturated)-alkylamines	0,01 -	.
627-034-4	.	0,25	.
.	.	.	.
.	.	.	.
.	.	.	.

Other information: Any letters after the CAS number refer to individual data sets.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Inhalation: Seek fresh air. Seek medical advice in case of persistent discomfort.

Ingestion: Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of discomfort.

Skin: Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.

Eyes: Flush with water (preferably using eyewash equipment) until irritation subsides. Seek medical advice if symptoms persist.

Other information: Bring the safety data sheet or label when seeking medical advice

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

May cause slight irritation to the skin and eyes. The product contains small amounts of benzene-1,2:4,5-tetracarboxylic dianhydride. Individuals with a known allergy may exhibit an allergic response to the product.

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

Treat symptoms. No special immediate treatment required.

## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

Suitable extinguishing media: Extinguish with powder, foam, carbon dioxide or water mist. Use water or water mist to cool non-ignited inventory.

Unsuitable extinguishing media: Do not use a jet of water, as it may spread the fire.

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

Not flammable, but combustible. Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released.

### 5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapor and smoke gases – seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

## SECTION 6: Accidental release measures

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

For non-emergency personnel: Wear safety goggles if there is a risk of eye splash. Wear gloves. Stay upwind/keep distance from source.

For emergency responders: In addition to the above: Normal protective clothing is recommended.

### 6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

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

Contain and absorb spills using sand or other absorbent material and transfer to suitable waste

containers. Wipe up minor spills with a cloth.

#### 6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

The product should be used under well-ventilated conditions and preferably under process ventilation. Running water and eye wash equipment should be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

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

Store safely, out of reach of children and away from food, animal feeding stuffs, drugs, etc. Do not store with the following: Strong oxidisers/ Strong acids/ Strong alkalis.

#### 7.3. Specific end use(s)

None.

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Legal basis: ACGIH Threshold Limit Values (TLV's) and Biological Exposure Indices (BEI's), 2017. OSHA 29 CFR part 1910.1000, table Z1-Z3, Limits for Air Contaminants 2006.

Contains no substances subject to disclosure requirements.

#### 8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below.

Personal protective equipment, eye/face protection: Wear safety goggles if there is a risk of eye splash.

Personal protective equipment, skin protection: In the event of direct skin contact, wear protective gloves: Type of material: Nitril rubber. Breakthrough time has not been determined for the product. Change gloves often.

Personal protective equipment, respiratory protection: Not required.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

State: Paste  
Color: Brown  
Odour: Characteristic  
Odour threshold: No data  
pH (solution for use): No data  
pH (concentrate): No data  
Melting point/freezing point: No data  
Initial boiling point and boiling range: No data  
Flash point: No data  
Evaporation rate: No data  
Flammability (solid, gas): No data  
Upper/lower flammability limits: No data  
Upper/lower explosive limits: No data  
Vapor pressure: No data  
Vapour density: No data  
Relative density: No data  
Solubility: Insoluble in the following: Water.  
Partition coefficient n-octanol/water: No data  
Auto-ignition temperature: No data  
Decomposition temperature: No data  
Viscosity: No data  
Explosive properties: No data  
Oxidizing properties: No data

#### 9.2. Other information

NLGI: 2

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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reacts with the following: Strong oxidisers/ Strong acids/ Strong alkalis.

### 10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

Avoid heating and contact with ignition sources.

### 10.5. Incompatible materials

Strong oxidisers/ Strong acids/ Strong alkalis.

### 10.6. Hazardous decomposition products

Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released.

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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity - oral:

The product does not have to be classified. Test data are not available for all substances  
Ingestion of large quantities may cause discomfort.

124-30-1-B: Rat: LD50 = >2001 mg/kg

89-32-7-A: Rat: LD50 = =2250 mg/kg

1213789-63-9: Rat: LD50 = >300-2000 mg/kg

Acute toxicity - dermal:

The product does not have to be classified. Test data are not available.

Acute toxicity - inhalation:

The product does not have to be classified. Test data are not available for all substances

89-32-7-A: Rat, , 4h: LC50 = =150 mg/l

Skin corrosion/irritation:

The product does not have to be classified. Test data are not available. May cause slight irritation.

Serious eye damage/eye irritation:

The product does not have to be classified. Test data are not available. Temporary irritation.

Respiratory sensitisation or skin sensitisation:

The product does not have to be classified. Test data are not available. The product contains small amounts of benzene-1,2:4,5-tetracarboxylic dianhydride. Individuals with a known allergy may exhibit an allergic response to the product.

Germ cell mutagenicity:

The product does not have to be classified. Test data are not available.

Carcinogenic properties:

The product does not have to be classified. Test data are not available.

Reproductive toxicity:

The product does not have to be classified. Test data are not available.

Single STOT exposure:

The product does not have to be classified. Test data are not available.

Repeated STOT exposure:

The product does not have to be classified. Test data are not available.

Aspiration hazard:

The product does not have to be classified. Test data are not available.

Other toxicological effects:

None known.

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## SECTION 12: Ecological information

### 12.1. Toxicity

Harmful to aquatic life with long lasting effects.

Acute toxicity:

124-30-1-B:

Fish: Name of species not specified: 96hLC50 = >0,01-0,1 mg/l

Crustacea: Daphnia sp.: 48hEC50 = >0,01-0,1 mg/l

89-32-7-A:

Fish: Name of species not specified: 96hLC50 = >101 mg/l  
Crustacea: Daphnia sp.: 24hEC50 = =48 mg/l

1213789-63-9:

Fish: Name of species not specified: 96hLC50 = >0,01-0,1 mg/l  
Crustacea: Daphnia sp.: 48hEC50 = >0,01-0,1 mg/l

38900-29-7-A:

Fish: Name of species not specified: 96hLC50 = 100 mg/l  
Crustacea: Name of species not specified: 48hEC50 = 100 mg/l

Chronic toxicity:

124-30-1-B: :

Name of species not specified: 72hEC50 = >0,01-0,1 mg/l

89-32-7-A: :

Name of species not specified: 72hEC50 = >0,01-0,1 mg/l

1213789-63-9: :

Name of species not specified: 72hEC50 = >0,01-0,1 mg/l

#### 12.2. Persistence and degradability

Not expected to be biodegradable. Test data are not available.

#### 12.3. Bioaccumulative potential

No bioaccumulation expected. Test data are not available.

#### 12.4. Mobility in soil

Test data are not available.

#### 12.5. Results of PBT and vPvB assessment

No assessment has been made.

#### 12.6. Other adverse effects

Oil products may cause soil and water pollution.

German water pollution classification (WGK): 1

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Avoid discharge to drain or surface water. If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

Uncleansed packaging is to be disposed of via the local waste-removal scheme. Empty, cleansed packaging should be disposed of for recycling.

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### SECTION 14: Transport information

The product is not covered by the rules for transport of dangerous goods.

#### 14.1. UN number

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#### 14.2. UN proper shipping name

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#### 14.3. Transport hazard class(es)

-

#### 14.4. Packing group

-

#### 14.5. Environmental hazards

-

#### 14.6. Special precautions for user

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

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## SECTION 15: Regulatory information

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

Special provisions: None.

#### NFPA ratings (scale 0 - 4)

Health Hazard: 1

Flammability: 1

Instability: 0

#### HMIS III ratings (scale 0 - 4)

Health hazard: 1

Flammability: 1

Physical hazard: 0

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## SECTION 16: Other information

Changes have been made in the following sections: 3,8,12,16

Abbreviation explanations: PBT: Persistent, Bioaccumulative and Toxic  
STOT: Specific Target Organ Toxicity  
vPvB: Very Persistent and Very Bioaccumulative

Classification method: Calculation based on the hazards of the known components.

Training: A thorough knowledge of this safety data sheet should be a prerequisite condition.

Other information: This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with CFR29, §1910.1200.

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