

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

## LITHIUM GREASE NLGI:00

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF COMPANY/UNDERTAKING

#### 1.1 Substance/Mixture Identifier

**Product name:** LITHIUM GREASE NLGI:00

#### 1.2 Relevant identified uses of the substance advised against

**Identified Uses:** Multipurpose Grease

**Used Advised Against:** Unrecommended use is not defined.

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

**Supplier:** ALKİM PETROKİMYA SANAYİ VE TİCARET ANONİM ŞİRKETİ

Address: Kimya Sanayicileri Org. San. Bölgesi Aromatik Caddesi No:61  
34956 Tuzla/Istanbul/TURKEY

Tel: +90 0216 593 24 60

Fax: +90 0216 593 24 68

email: info@alkimpetrokimya.com

**1.4 Emergency telephone number:** +90 0216 593 24 60

### 2. HAZARDS IDENTIFICATION

#### 2.1. Classification of Article or Mixture

Classification according to Regulation (EC) No 1272/2008 The product is not classified according to the CLP regulation.

**Physical and Chemical Hazards:** It is not classified as hazardous.

**Human health :** It is not classified as hazardous.

**Environment:** It is not classified as hazardous.

#### 2.2. Label Elements

This product does not meet the criteria for labelling according to the Regulation (EC) No. 1272/2008.

#### 2.3 Other Damages

Prolonged or repeated contact with the skin can cause redness, itching and irritation. Components of the product may be absorbed through the skin into the body.

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

## LITHIUM GREASE NLGI:00

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**3.1. Substances** Not applicable.

#### 3.2. Mixtures

The DMSO extract by IP 346 of the oil is less than 3%

Chemical Name	EC No.	Cas No.	Concent.	Regulation (EC) no 1272/2008
Lubrication oils (petroleum), Base oils; undefined	278-012-2	74869-22-0	85-90	

See the chapter 16 for EC (H) and (P) phrases

### 4. FIRST AID MEASURES

**General information:** Get medical attention if the discomfort continues.

#### 4.1. Description of First Aid Measures

**4.1.1. Inhalation:** Immediately remove affected person to fresh air. Rinse nose and mouth with water. If discomfort continues, seek medical attention.

**4.1.2 Ingestion:** Should not be forced to vomit. The mouth should be washed with plenty of water. In case of nausea and other symptoms, a doctor should be consulted with the label of the swallowed substance.

**4.1.3. Skin contact:** Wash thoroughly with soap and water. The clothing contaminated with oil should be removed and the area where it touches the skin should be washed with water. If there is ongoing irritation on the skin, a doctor should be consulted.

**4.1.4 Eye contact:** After cleaning your hands, keep your eyelids away from each other and rinse with water for at least 15 minutes. If irritation persists, consult a doctor.

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

Causes severe eye irritation and is harmful if swallowed.

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

Treat according to the symptoms.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

## LITHIUM GREASE NLGI:00

### 5. FIRE FIGHTING MEASURES

#### 5.1. Fire extinguishers

Carbon dioxide fire extinguish, sand and soil are suitable for small fires.

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

Hazardous combustion products: the complex mixture of gases with solid and liquid particles in the air. Carbon monoxide and certain metal oxides. It may include unspecified organic and inorganic compounds.

#### 5.3. Advice for firefighters

Away from the fire area everyone except emergency personnel. Standard protective equipment is used. The breathing apparatus (SCBA) is used in a confined space

**Protective Equipment :** Use the air that breathing apparatus and full protective clothing.

### 6. ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Away the unauthorized people from the media. Wear appropriate personal protective equipment. Avoid contact with the skin and eyes. Use barrier like salt and soil to prevent the sanitary sewer system or rivers.

#### 6.2. Methods and Materials for Containment and Cleaning Up

Prevent spreading by making a barrier with suitable material like sand, clay, soil, sawdust, Reclaim liquid directly or in an absorbent material. Fill leftovers to warning labeled containers for disposal in accordance with local regulations

#### 6.3. Other Information

See Section 8 for personal protection and section 13. For waste disposal

### 7. HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

Avoid prolonged or repeated contact with skin. Wash hands thoroughly after use. Avoid inhaling vapor or mists. When transporting the products protective footwear should be worn and proper handling equipment should be used.

#### 7.2. Conditions for Safe Storage Involving Disputes

Keep container tightly closed. Packaged in a cool, well-ventilated area direct sunlight, Protect from, heat, frost and high temperatures.

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

### LITHIUM GREASE NLGI:00

#### 7.3. Specific End Uses

It is specified in section 1.2.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### 8.1. Control Parameters

**8.2. Exposure Controls** This product has no data on occupational exposure limits.



**Appropriate Engineering Controls** : Oil vapor venting should be achieved affectively. Air exhaust ventilation and other technical measures should be taken.

**Technical Measures:** All chemicals should be assessed for their risks to health and avoid exposure conditions or sufficient control measures to be taken.

**Respiratory Protective Measures:** Under normal operating conditions , there is usually noneed for respiratory protection.

**Hand protection:** Nitrile gloves are recommended it is likely to be prolonged or frequent contact. Wear chemical resistant and protective gloves. Gloves should be washed thoroughly before and after use.

**Eyes Protection** : Use safety glasses with side shields.

**Skin Protection** : Avoidcontach with skin. Overalls can be worn to protech yhe body completely. Overalls should be laundered regularly. In places with high risk of skin exposure, chemical resistant aprons or require the use of impervious chemical suits and boots

### 9. PHYSICAL AND CHEMICAL PROPERTIES

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

**Appearance:** Semisolid

**Colour:** Yellow

**Smell:** Characteristic Odor Lubricant

**Soup Type** : Lithium

**pH Value:** NAP

## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

### LITHIUM GREASE NLGI:00

#### Auto-Ignition Temperature C :

product is not self igniting

**Dropping point** : no data

**Solubility** : water Insoluble

### 10. STABILITY AND REACTIVITY

#### 10.1. Reaction

There are no reactive hazards associated with this product.

#### 10.2 Chemical Stability

Stable under normal storage and handling conditions.

#### 10.3. Toxic reaction Possibility

Toxic reaction Possibility

#### 10.4. Situations should be avoided

It should not be exposed to high temperatures or direct sunlight.

**10.5. Materials to be avoided** : Flammable material , strong oxidizers.

### 11. TOXICOLOGICAL INFORMATION

#### 11.1. Information on Toxic Effects

**Skin irritation** : Slight irritation can be

**Serious Eye damage / Irritation** : Slight irritation can be

**Respiratory and skin sensitivity** : Can cause skin disorders (dermatitis) and eczema

**Germ cell mutagenicity In Vitro** : There is not enough information for classification.

**Carcinogenicity** : There are no significant effects or critical hazards.

**Reproductive toxicity- Fertility** : There is not enough information for classification.

**Breathing** : Not expected to constitute a significant hazard.

**Swallowing** : Not expected to constitute a significant hazard.

**Skin Contact**: Not expected to constitute a significant hazard.

## SAFETY DATA SHEET

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### LITHIUM GREASE NLGI:00

**Contact with eyes** : Not expected to constitute a significant hazard.

**Acute and chronic Health Losses**: Not expected to constitute a significant hazard.

### 12. ECOLOGICAL INFORMATION

**12.1. Toxicity** : Not classified a dangerous.

#### 12.2. Persistence and degradability

Is not permanent, it is expected spontaneous disintegration.

**12.3. Bioaccumulative potential**: It is not expected to bioaccumulate through the food chain path.

**12.4. Mobility in soil**: Fluid under most environmental conditions. Flot on water. Blend into land is unlikely.

**12.5. Results of PBT and vPvB assessment**: Does not contain and compound considered as PBT and vPVb

**12.6. Other adverse effects**: Spilled product causes the contamination of groundwater.s

### 13. DISPOSAL INFORMATION

#### 13.1. Waste treatment methods:

Do not dispose of in drains or ricers. Used product and containers in accordance with the legislation in force, must be disposed of by a licensed units. Do not allow spilled product.to mix to sewage.

### 14. TRANSPORT INFORMATION

**14.1. UN number**: Not applicable.

**14.2. UN proper shipping name**: Not applicable.

**14.3. Transport hazard class(es)**: There is no required transport warning sign.

**14.4. Packing group**: Not applicable.

**14.5. Environmental hazard**: Avoid release to the environment.

**14.6. Special precautions**: Not applicable.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**: Not applicable.

## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

### LITHIUM GREASE NLGI:00

#### 15. REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006, (REACH),
- Commission Regulation (EU) No 453/2010 amending Regulation (EC) No 1907/2006,
- Regulation (EC) No 1272/2008 (CLP),
- Commission Directive 2006/15/EC,
- Commission Directive 2000/39/EC.
- ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road

##### 15.2 Chemical safety assessment

A chemical safety assessment has not been performed for this product.

#### 16. OTHER INFORMATION

This Product Safety Data Sheet has been prepared within the scope of the information received from our raw material suppliers, and the information regarding health, safety and environment in it has been given by examining the reliable sources available at the time the form was prepared.

While the utmost care is taken for the accuracy of the information, no representation or warranty is made, directly or indirectly, as to the perfection and accuracy of the information and data contained in this document. The data and recommendations apply when sold for the application or applications specified in this product.

This product should not be used for any purpose other than the specified application or applications without consulting us. The health, safety precautions and environmental advice contained in this document may not be sufficient for all individuals or situations. It is the responsibility of the users to evaluate the material, to use it safely and to comply with the laws and regulations regarding the issues related to this use. Those who buy this product to give and / or give to third parties who will use this product are responsible for conveying the information in this form to those who will use the product. Employers are obliged to explain the risks described in this form or the measures to be taken to their workers and others who may be affected. ALKİM PETROKİMYA SAN. VE TİC. A.Ş. will not be held responsible.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

## LITHIUM GREASE NLGI:0

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF COMPANY/UNDERTAKING

#### 1.1 Substance/Mixture Identifier

**Product name:** LITHIUM GREASE NLGI:0

#### 1.2 Relevant identified uses of the substance advised against

**Identified Uses:** Multipurpose Grease

**Used Advised Against:** Unrecommended use is not defined.

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

**Supplier:** ALKİM PETROKİMYA SANAYİ VE TİCARET ANONİM ŞİRKETİ

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**1.4 Emergency telephone number:** +90 0216 593 24 60

### 2. HAZARDS IDENTIFICATION

#### 2.1. Classification of Article or Mixture

Classification according to Regulation (EC) No 1272/2008 The product is not classified according to the CLP regulation.

**Physical and Chemical Hazards:** It is not classified as hazardous.

**Human health :** It is not classified as hazardous.

**Environment:** It is not classified as hazardous.

#### 2.2. Label Elements

This product does not meet the criteria for labelling according to the Regulation (EC) No. 1272/2008.

#### 2.3 Other Damages

Prolonged or repeated contact with the skin can cause redness, itching and irritation. Components of the product may be absorbed through the skin into the body.



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

## LITHIUM GREASE NLGI:0

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. **Substances** Not applicable.

#### 3.2. Mixtures

The DMSO extract by IP 346 of the oil is less than 3%

Chemical Name	EC No.	Cas No.	Concent.	Regulation (EC) no 1272/2008
Lubrication oils (petroleum), Base oils; undefined	278-012-2	74869-22-0	80-90	

See the chapter 16 for EC (H) and (P) phrases

### 4. FIRST AID MEASURES

**General information:** Get medical attention if the discomfort continues.

#### 4.1. Description of First Aid Measures

**4.1.1. Inhalation:** Immediately remove affected person to fresh air. Rinse nose and mouth with water. If discomfort continues, seek medical attention.

**4.1.2 Ingestion:** Should not be forced to vomit. The mouth should be washed with plenty of water. In case of nausea and other symptoms, a doctor should be consulted with the label of the swallowed substance.

**4.1.3. Skin contact:** Wash thoroughly with soap and water. The clothing contaminated with oil should be removed and the area where it touches the skin should be washed with water. If there is ongoing irritation on the skin, a doctor should be consulted.

**4.1.4 Eye contact:** After cleaning your hands, keep your eyelids away from each other and rinse with water for at least 15 minutes. If irritation persists, consult a doctor.

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

Causes severe eye irritation and is harmful if swallowed.

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

Treat according to the symptoms.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

## LITHIUM GREASE NLGI:0

### 5. FIRE FIGHTING MEASURES

#### 5.1. Fire extinguishers

Carbon dioxide fire extinguish, sand and soil are suitable for small fires.

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

Hazardous combustion products: the complex mixture of gases with solid and liquid particles in the air. Carbon monoxide and certain metal oxides. It may include unspecified organic and inorganic compounds.

#### 5.3. Advice for firefighters

Away from the fire area everyone except emergency personnel. Standard protective equipment is used. The breathing apparatus (SCBA) is used in a confined space

**Protective Equipment :** Use the air that breathing apparatus and full protective clothing.

### 6. ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Away the unauthorized people from the media. Wear appropriate personal protective equipment. Avoid contact with the skin and eyes. Use barrier like salt and soil to prevent the sanitary sewer system or rivers.

#### 6.2. Methods and Materials for Containment and Cleaning Up

Prevent spreading by making a barrier with suitable material like sand, clay, soil, sawdust, Reclaim liquid directly or in an absorbent material. Fill leftovers to warning labeled containers for disposal in accordance with local regulations

#### 6.3. Other Information

See Section 8 for personal protection and section 13. For waste disposal

### 7. HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

Avoid prolonged or repeated contact with skin. Wash hands thoroughly after use. Avoid inhaling vapor or mists. When transporting the products protective footwear should be worn and proper handling equipment should be used.

#### 7.2. Conditions for Safe Storage Involving Disputes

Keep container tightly closed. Packaged in a cool, well-ventilated area direct sunlight, Protect from, heat, frost and high temperatures.

## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

### LITHIUM GREASE NLGI:0

#### 7.3. Specific End Uses

It is specified in section 1.2.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### 8.1. Control Parameters

**8.2. Exposure Controls** This product has no data on occupational exposure limits.



**Appropriate Engineering Controls** : Oil vapor venting should be achieved affectively. Air exhaust ventilation and other technical measures should be taken.

**Technical Measures:** All chemicals should be assessed for their risks to health and avoid exposure conditions or sufficient control measures to be taken.

**Respiratory Protective Measures:** Under normal operating conditions , there is usually noneed for respiratory protection.

**Hand protection:** Nitrile gloves are recommended it is likely to be prolonged or frequent contact. Wear chemical resistant and protective gloves. Gloves should be washed thoroughly before and after use.

**Eyes Protection** : Use safety glasses with side shields.

**Skin Protection** : Avoidcontach with skin. Overalls can be worn to protech yhe body completely. Overalls should be laundered regularly. In places with high risk of skin exposure, chemical resistant aprons or require the use of impervious chemical suits and boots

### 9. PHYSICAL AND CHEMICAL PROPERTIES

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

**Appearance:** Semisolid

**Colour:** Yellow

**Smell:** Characteristic Odor Lubricant

**Soup Type** : Lithium

**pH Value:** NAP

## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

### LITHIUM GREASE NLGI:0

#### Auto-Ignition Temperature C :

product is not self igniting

**Dropping point** : no data

**Solubility** : water Insoluble

### 10. STABILITY AND REACTIVITY

#### 10.1. Reaction

There are no reactive hazards associated with this product.

#### 10.2 Chemical Stability

Stable under normal storage and handling conditions.

#### 10.3. Toxic reaction Possibility

Toxic reaction Possibility

#### 10.4. Situations should be avoided

It should not be exposed to high temperatures or direct sunlight.

**10.5. Materials to be avoided** : Flammable material , strong oxidizers.

### 11. TOXICOLOGICAL INFORMATION

#### 11.1. Information on Toxic Effects

**Skin irritation** : Slight irritation can be

**Serious Eye damage / Irritation** : Slight irritation can be

**Respiratory and skin sensitivity** : Can cause skin disorders (dermatitis) and eczema

**Germ cell mutagenicity In Vitro** : There is not enough information for classification.

**Carcinogenicity** : There are no significant effects or critical hazards.

**Reproductive toxicity- Fertility** : There is not enough information for classification.

**Breathing** : Not expected to constitute a significant hazard.

**Swallowing** : Not expected to constitute a significant hazard.

**Skin Contact**: Not expected to constitute a significant hazard.

## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

### LITHIUM GREASE NLGI:0

**Contact with eyes** : Not expected to constitute a significant hazard.

**Acute and chronic Health Losses**: Not expected to constitute a significant hazard.

### 12. ECOLOGICAL INFORMATION

**12.1. Toxicity** : Not classified a dangerous.

#### 12.2. Persistence and degradability

Is not permanent, it is expected spontaneous disintegration.

**12.3. Bioaccumulative potential**: It is not expected to bioaccumulate through the food chain path.

**12.4. Mobility in soil**: Fluid under most environmental conditions. Flot on water. Blend into land is unlikely.

**12.5. Results of PBT and vPvB assessment**: Does not contain and compound considered as PBT and vPVb

**12.6. Other adverse effects**: Spilled product causes the contamination of groundwater.s

### 13. DISPOSAL INFORMATION

#### 13.1. Waste treatment methods:

Do not dispose of in drains or ricers. Used product and containers in accordance with the legislation in force, must be disposed of by a licensed units. Do not allow spilled product.to mix to sewage.

### 14. TRANSPORT INFORMATION

**14.1. UN number**: Not applicable.

**14.2. UN proper shipping name**: Not applicable.

**14.3. Transport hazard class(es)**: There is no required transport warning sign.

**14.4. Packing group**: Not applicable.

**14.5. Environmental hazard**: Avoid release to the environment.

**14.6. Special precautions**: Not applicable.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**: Not applicable.

## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

### LITHIUM GREASE NLGI:0

#### 15. REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006, (REACH),
- Commission Regulation (EU) No 453/2010 amending Regulation (EC) No 1907/2006,
- Regulation (EC) No 1272/2008 (CLP),
- Commission Directive 2006/15/EC,
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- ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road

##### 15.2 Chemical safety assessment

A chemical safety assessment has not been performed for this product.

#### 16. OTHER INFORMATION

This Product Safety Data Sheet has been prepared within the scope of the information received from our raw material suppliers, and the information regarding health, safety and environment in it has been given by examining the reliable sources available at the time the form was prepared.

While the utmost care is taken for the accuracy of the information, no representation or warranty is made, directly or indirectly, as to the perfection and accuracy of the information and data contained in this document. The data and recommendations apply when sold for the application or applications specified in this product.

This product should not be used for any purpose other than the specified application or applications without consulting us. The health, safety precautions and environmental advice contained in this document may not be sufficient for all individuals or situations. It is the responsibility of the users to evaluate the material, to use it safely and to comply with the laws and regulations regarding the issues related to this use. Those who buy this product to give and / or give to third parties who will use this product are responsible for conveying the information in this form to those who will use the product. Employers are obliged to explain the risks described in this form or the measures to be taken to their workers and others who may be affected. ALKİM PETROKİMYA SAN. VE TİC. A.Ş. will not be held responsible.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

## LITHIUM GREASE NLGI:1

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF COMPANY/UNDERTAKING

#### 1.1 Substance/Mixture Identifier

**Product name:** LITHIUM GREASE NLGI:1

#### 1.2 Relevant identified uses of the substance advised against

**Identified Uses:** Multipurpose Grease

**Used Advised Against:** Unrecommended use is not defined.

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

**Supplier:** ALKİM PETROKİMYA SANAYİ VE TİCARET ANONİM ŞİRKETİ

Address: Kimya Sanayicileri Org. San. Bölgesi Aromatik Caddesi No:61  
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### 2. HAZARDS IDENTIFICATION

#### 2.1. Classification of Article or Mixture

Classification according to Regulation (EC) No 1272/2008 The product is not classified according to the CLP regulation.

**Physical and Chemical Hazards:** It is not classified as hazardous.

**Human health :** It is not classified as hazardous.

**Environment:** It is not classified as hazardous.

#### 2.2. Label Elements

This product does not meet the criteria for labelling according to the Regulation (EC) No. 1272/2008.

#### 2.3 Other Damages

Prolonged or repeated contact with the skin can cause redness, itching and irritation. Components of the product may be absorbed through the skin into the body.

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

## LITHIUM GREASE NLGI:1

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. **Substances** Not applicable.

#### 3.2. Mixtures

The DMSO extract by IP 346 of the oil is less than 3%

Chemical Name	EC No.	Cas No.	Concent.	Regulation (EC) no 1272/2008
Lubrication oils (petroleum), Base oils; undefined	278-012-2	74869-22-0	80-90	

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### 4. FIRST AID MEASURES

**General information:** Get medical attention if the discomfort continues.

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**4.1.1. Inhalation:** Immediately remove affected person to fresh air. Rinse nose and mouth with water. If discomfort continues, seek medical attention.

**4.1.2 Ingestion:** Should not be forced to vomit. The mouth should be washed with plenty of water. In case of nausea and other symptoms, a doctor should be consulted with the label of the swallowed substance.

**4.1.3. Skin contact:** Wash thoroughly with soap and water. The clothing contaminated with oil should be removed and the area where it touches the skin should be washed with water. If there is ongoing irritation on the skin, a doctor should be consulted.

**4.1.4 Eye contact:** After cleaning your hands, keep your eyelids away from each other and rinse with water for at least 15 minutes. If irritation persists, consult a doctor.

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

Causes severe eye irritation and is harmful if swallowed.

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

Treat according to the symptoms.



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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

## LITHIUM GREASE NLGI:1

### 5. FIRE FIGHTING MEASURES

#### 5.1. Fire extinguishers

Carbon dioxide fire extinguish, sand and soil are suitable for small fires.

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

Hazardous combustion products: the complex mixture of gases with solid and liquid particles in the air. Carbon monoxide and certain metal oxides. It may include unspecified organic and inorganic compounds.

#### 5.3. Advice for firefighters

Away from the fire area everyone except emergency personnel. Standard protective equipment is used. The breathing apparatus (SCBA) is used in a confined space

**Protective Equipment :** Use the air that breathing apparatus and full protective clothing.

### 6. ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

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See Section 8 for personal protection and section 13. For waste disposal

### 7. HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

Avoid prolonged or repeated contact with skin. Wash hands thoroughly after use. Avoid inhaling vapor or mists. When transporting the products protective footwear should be worn and proper handling equipment should be used.

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Keep container tightly closed. Packaged in a cool, well-ventilated area direct sunlight, Protect from, heat, frost and high temperatures.

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### LITHIUM GREASE NLGI:1

#### 7.3. Specific End Uses

It is specified in section 1.2.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### 8.1. Control Parameters

**8.2. Exposure Controls** This product has no data on occupational exposure limits.



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

**Appearance:** Semisolid

**Colour:** Yellow

**Smell:** Characteristic Odor Lubricant

**Soup Type** : Lithium

**pH Value:** NAP

## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

### LITHIUM GREASE NLGI:1

#### Auto-Ignition Temperature C :

product is not self igniting

**Dropping point** : Min 180

**Solubility** : water Insoluble

### 10. STABILITY AND REACTIVITY

#### 10.1. Reaction

There are no reactive hazards associated with this product.

#### 10.2 Chemical Stability

Stable under normal storage and handling conditions.

#### 10.3. Toxic reaction Possibility

Toxic reaction Possibility

#### 10.4. Situations should be avoided

It should not be exposed to high temperatures or direct sunlight.

**10.5. Materials to be avoided** : Flammable material , strong oxidizers.

### 11. TOXICOLOGICAL INFORMATION

#### 11.1. Information on Toxic Effects

**Skin irritation** : Slight irritation can be

**Serious Eye damage / Irritation** : Slight irritation can be

**Respiratory and skin sensitivity** : Can cause skin disorders (dermatitis) and eczema

**Germ cell mutagenicity In Vitro** : There is not enough information for classification.

**Carcinogenicity** : There are no significant effects or critical hazards.

**Reproductive toxicity- Fertility** : There is not enough information for classification.

**Breathing** : Not expected to constitute a significant hazard.

**Swallowing** : Not expected to constitute a significant hazard.

**Skin Contact**: Not expected to constitute a significant hazard.

## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

### LITHIUM GREASE NLGI:1

**Contact with eyes** : Not expected to constitute a significant hazard.

**Acute and chronic Health Losses**: Not expected to constitute a significant hazard.

### 12. ECOLOGICAL INFORMATION

**12.1. Toxicity** : Not classified a dangerous.

#### 12.2. Persistence and degradability

Is not permanent, it is expected spontaneous disintegration.

**12.3. Bioaccumulative potential**: It is not expected to bioaccumulate through the food chain path.

**12.4. Mobility in soil**: Fluid under most environmental conditions. Flot on water. Blend into land is unlikely.

**12.5. Results of PBT and vPvB assessment**: Does not contain and compound considered as PBT and vPVb

**12.6. Other adverse effects**: Spilled product causes the contamination of groundwater.s

### 13. DISPOSAL INFORMATION

#### 13.1. Waste treatment methods:

Do not dispose of in drains or ricers. Used product and containers in accordance with the legislation in force, must be disposed of by a licensed units. Do not allow spilled product.to mix to sewage.

### 14. TRANSPORT INFORMATION

**14.1. UN number**: Not applicable.

**14.2. UN proper shipping name**: Not applicable.

**14.3. Transport hazard class(es)**: There is no required transport warning sign.

**14.4. Packing group**: Not applicable.

**14.5. Environmental hazard**: Avoid release to the environment.

**14.6. Special precautions**: Not applicable.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**: Not applicable.

## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

### LITHIUM GREASE NLGI:1

#### 15. REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006, (REACH),
- Commission Regulation (EU) No 453/2010 amending Regulation (EC) No 1907/2006,
- Regulation (EC) No 1272/2008 (CLP),
- Commission Directive 2006/15/EC,
- Commission Directive 2000/39/EC.
- ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road

##### 15.2 Chemical safety assessment

A chemical safety assessment has not been performed for this product.

#### 16. OTHER INFORMATION

This Product Safety Data Sheet has been prepared within the scope of the information received from our raw material suppliers, and the information regarding health, safety and environment in it has been given by examining the reliable sources available at the time the form was prepared.

While the utmost care is taken for the accuracy of the information, no representation or warranty is made, directly or indirectly, as to the perfection and accuracy of the information and data contained in this document. The data and recommendations apply when sold for the application or applications specified in this product.

This product should not be used for any purpose other than the specified application or applications without consulting us. The health, safety precautions and environmental advice contained in this document may not be sufficient for all individuals or situations. It is the responsibility of the users to evaluate the material, to use it safely and to comply with the laws and regulations regarding the issues related to this use. Those who buy this product to give and / or give to third parties who will use this product are responsible for conveying the information in this form to those who will use the product. Employers are obliged to explain the risks described in this form or the measures to be taken to their workers and others who may be affected. ALKİM PETROKİMYA SAN. VE TİC. A.Ş. will not be held responsible.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

## LITHIUM GREASE NLGI:2

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF COMPANY/UNDERTAKING

#### 1.1 Substance/Mixture Identifier

**Product name:** LITHIUM GREASE NLGI:2

#### 1.2 Relevant identified uses of the substance advised against

**Identified Uses:** Multipurpose Grease

**Used Advised Against:** Unrecommended use is not defined.

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

**Supplier:** ALKİM PETROKİMYA SANAYİ VE TİCARET ANONİM ŞİRKETİ

Address: Kimya Sanayicileri Org. San. Bölgesi Aromatik Caddesi No:61  
34956 Tuzla/Istanbul/TURKEY

Tel: +90 0216 593 24 60

Fax: +90 0216 593 24 68

email: info@alkimpetrokimya.com

**1.4 Emergency telephone number:** +90 0216 593 24 60

### 2. HAZARDS IDENTIFICATION

#### 2.1. Classification of Article or Mixture

Classification according to Regulation (EC) No 1272/2008 The product is not classified according to the CLP regulation.

**Physical and Chemical Hazards:** It is not classified as hazardous.

**Human health :** It is not classified as hazardous.

**Environment:** It is not classified as hazardous.

#### 2.2. Label Elements

This product does not meet the criteria for labelling according to the Regulation (EC) No. 1272/2008.

#### 2.3 Other Damages

Prolonged or repeated contact with the skin can cause redness, itching and irritation. Components of the product may be absorbed through the skin into the body.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

## LITHIUM GREASE NLGI:2

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. **Substances** Not applicable.

#### 3.2. Mixtures

The DMSO extract by IP 346 of the oil is less than 3%

Chemical Name	EC No.	Cas No.	Concent.	Regulation (EC) no 1272/2008
Lubrication oils (petroleum), Base oils; undefined	278-012-2	74869-22-0	75-90	

See the chapter 16 for EC (H) and (P) phrases

### 4. FIRST AID MEASURES

**General information:** Get medical attention if the discomfort continues.

#### 4.1. Description of First Aid Measures

**4.1.1. Inhalation:** Immediately remove affected person to fresh air. Rinse nose and mouth with water. If discomfort continues, seek medical attention.

**4.1.2 Ingestion:** Should not be forced to vomit. The mouth should be washed with plenty of water. In case of nausea and other symptoms, a doctor should be consulted with the label of the swallowed substance.

**4.1.3. Skin contact:** Wash thoroughly with soap and water. The clothing contaminated with oil should be removed and the area where it touches the skin should be washed with water. If there is ongoing irritation on the skin, a doctor should be consulted.

**4.1.4 Eye contact:** After cleaning your hands, keep your eyelids away from each other and rinse with water for at least 15 minutes. If irritation persists, consult a doctor.

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

Causes severe eye irritation and is harmful if swallowed.

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

Treat according to the symptoms.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

## LITHIUM GREASE NLGI:2

### 5. FIRE FIGHTING MEASURES

#### 5.1. Fire extinguishers

Carbon dioxide fire extinguish, sand and soil are suitable for small fires.

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

Hazardous combustion products: the complex mixture of gases with solid and liquid particles in the air. Carbon monoxide and certain metal oxides. It may include unspecified organic and inorganic compounds.

#### 5.3. Advice for firefighters

Away from the fire area everyone except emergency personnel. Standard protective equipment is used. The breathing apparatus (SCBA) is used in a confined space

**Protective Equipment :** Use the air that breathing apparatus and full protective clothing.

### 6. ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Away the unauthorized people from the media. Wear appropriate personal protective equipment. Avoid contact with the skin and eyes. Use barrier like salt and soil to prevent the sanitary sewer system or rivers.

#### 6.2. Methods and Materials for Containment and Cleaning Up

Prevent spreading by making a barrier with suitable material like sand, clay, soil, sawdust, Reclaim liquid directly or in an absorbent material. Fill leftovers to warning labeled containers for disposal in accordance with local regulations

#### 6.3. Other Information

See Section 8 for personal protection and section 13. For waste disposal

### 7. HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

Avoid prolonged or repeated contact with skin. Wash hands thoroughly after use. Avoid inhaling vapor or mists. When transporting the products protective footwear should be worn and proper handling equipment should be used.

#### 7.2. Conditions for Safe Storage Involving Disputes

Keep container tightly closed. Packaged in a cool, well-ventilated area direct sunlight, Protect from, heat, frost and high temperatures.



## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

### LITHIUM GREASE NLGI:2

#### 7.3. Specific End Uses

It is specified in section 1.2.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### 8.1. Control Parameters

**8.2. Exposure Controls** This product has no data on occupational exposure limits.



**Appropriate Engineering Controls** : Oil vapor venting should be achieved affectively. Air exhaust ventilation and other technical measures should be taken.

**Technical Measures:** All chemicals should be assessed for their risks to health and avoid exposure conditions or sufficient control measures to be taken.

**Respiratory Protective Measures:** Under normal operating conditions , there is usually noneed for respiratory protection.

**Hand protection:** Nitrile gloves are recommended it is likely to be prolonged or frequent contact. Wear chemical resistant and protective gloves. Gloves should be washed thoroughly before and after use.

**Eyes Protection** : Use safety glasses with side shields.

**Skin Protection** : Avoidcontach with skin. Overalls can be worn to protech yhe body completely. Overalls should be laundered regularly. In places with high risk of skin exposure, chemical resistant aprons or require the use of impervious chemical suits and boots

### 9. PHYSICAL AND CHEMICAL PROPERTIES

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

**Appearance:** Semisolid

**Colour:** Yellow

**Smell:** Characteristic Odor Lubricant

**Soup Type** : Lithium

**pH Value:** NAP

## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

### LITHIUM GREASE NLGI:2

#### Auto-Ignition Temperature C :

product is not self igniting

**Dropping point** : Min 190

**Solubility** : water Insoluble

### 10. STABILITY AND REACTIVITY

#### 10.1. Reaction

There are no reactive hazards associated with this product.

#### 10.2 Chemical Stability

Stable under normal storage and handling conditions.

#### 10.3. Toxic reaction Possibility

Toxic reaction Possibility

#### 10.4. Situations should be avoided

It should not be exposed to high temperatures or direct sunlight.

**10.5. Materials to be avoided** : Flammable material , strong oxidizers.

### 11. TOXICOLOGICAL INFORMATION

#### 11.1. Information on Toxic Effects

**Skin irritation** : Slight irritation can be

**Serious Eye damage / Irritation** : Slight irritation can be

**Respiratory and skin sensitivity** : Can cause skin disorders (dermatitis) and eczema

**Germ cell mutagenicity In Vitro** : There is not enough information for classification.

**Carcinogenicity** : There are no significant effects or critical hazards.

**Reproductive toxicity- Fertility** : There is not enough information for classification.

**Breathing** : Not expected to constitute a significant hazard.

**Swallowing** : Not expected to constitute a significant hazard.

**Skin Contact**: Not expected to constitute a significant hazard.

## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

### LITHIUM GREASE NLGI:2

**Contact with eyes** : Not expected to constitute a significant hazard.

**Acute and chronic Health Losses**: Not expected to constitute a significant hazard.

### 12. ECOLOGICAL INFORMATION

**12.1. Toxicity** : Not classified a dangerous.

#### 12.2. Persistence and degradability

Is not permanent, it is expected spontaneous disintegration.

**12.3. Bioaccumulative potential**: It is not expected to bioaccumulate through the food chain path.

**12.4. Mobility in soil**: Fluid under most environmental conditions. Flot on water. Blend into land is unlikely.

**12.5. Results of PBT and vPvB assessment**: Does not contain and compound considered as PBT and vPVb

**12.6. Other adverse effects**: Spilled product causes the contamination of groundwater.s

### 13. DISPOSAL INFORMATION

#### 13.1. Waste treatment methods:

Do not dispose of in drains or ricers. Used product and containers in accordance with the legislation in force, must be disposed of by a licensed units. Do not allow spilled product.to mix to sewage.

### 14. TRANSPORT INFORMATION

**14.1. UN number**: Not applicable.

**14.2. UN proper shipping name**: Not applicable.

**14.3. Transport hazard class(es)**: There is no required transport warning sign.

**14.4. Packing group**: Not applicable.

**14.5. Environmental hazard**: Avoid release to the environment.

**14.6. Special precautions**: Not applicable.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**: Not applicable.

## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

### LITHIUM GREASE NLGI:2

#### 15. REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006, (REACH),
- Commission Regulation (EU) No 453/2010 amending Regulation (EC) No 1907/2006,
- Regulation (EC) No 1272/2008 (CLP),
- Commission Directive 2006/15/EC,
- Commission Directive 2000/39/EC.
- ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road

##### 15.2 Chemical safety assessment

A chemical safety assessment has not been performed for this product.

#### 16. OTHER INFORMATION

This Product Safety Data Sheet has been prepared within the scope of the information received from our raw material suppliers, and the information regarding health, safety and environment in it has been given by examining the reliable sources available at the time the form was prepared.

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# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

## AKSOIL LITHIUM GREASE NO:3

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF COMPANY/UNDERTAKING

#### 1.1 Substance/Mixture Identifier

**Product name:** AKSOIL LITHIUM GREASE NO:3

#### 1.2 Relevant identified uses of the substance advised against

**Identified Uses:** Used as engine oil. Please consult a representative from the company for information about all special uses.

**Used Advised Against:** Unrecommended use is not defined.

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

**Supplier:** ALKİM PETROKİMYA SANAYİ VE TİCARET ANONİM ŞİRKETİ

Address: Kimya Sanayicileri Org. San. Bölgesi Aromatik Caddesi No:61  
34956 Tuzla/Istanbul/TURKEY

Tel: +90 0216 593 24 60

Fax: +90 0216 593 24 68

email: info@alkimpetrokimya.com

**1.4 Emergency telephone number:** +90 0216 593 24 60

### 2. HAZARDS IDENTIFICATION

#### 2.1. Classification of Article or Mixture

This product does not meet the classification criteria according to the Regulation (EC) No. 1272/2008.

#### 2.2. Label Elements

This product does not meet the criteria for labelling according to the Regulation (EC) No. 1272/2008.

#### 2.3 Other Damages

No danger is expected when the general precautions to be taken when working with mineral oil substances and chemical products, the warnings for use (section 7) and the instructions for personal protective equipment (section 8) are taken into account. Prevent the product from entering the nature uncontrolled.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substances

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

## AKSOIL LITHIUM GREASE NO:3

Not applicable.

### 3.2. Mixtures

Mixture of base oil and performance additives.

Substance	EC No.	Cas No.	Concent.	Class., H Expressions
Lubrication oils (petroleum), Base oils; undefined	278-012-2	74869-22-0	75-90	

Some substances do not have classification according to current legislation. It has been classified by the manufacturer. The DMSO ratio is less than 3% according to IP346.

## 4. FIRST AID MEASURES

**General information:** Get medical attention if the discomfort continues.

### 4.1. Description of First Aid Measures

**4.1.1. Inhalation:** Immediately remove affected person to fresh air. Rinse nose and mouth with water. If discomfort continues, seek medical attention.

**4.1.2 Ingestion:** Should not be forced to vomit. The mouth should be washed with plenty of water. In case of nausea and other symptoms, a doctor should be consulted with the label of the swallowed substance.

**4.1.3. Skin contact:** Wash thoroughly with soap and water. The clothing contaminated with oil should be removed and the area where it touches the skin should be washed with water. If there is ongoing irritation on the skin, a doctor should be consulted.

**4.1.4 Eye contact:** After cleaning your hands, keep your eyelids away from each other and rinse with water for at least 15 minutes. If irritation persists, consult a doctor.

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

Causes severe eye irritation and is harmful if swallowed.

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

Treat according to the symptoms.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

## AKSOIL LITHIUM GREASE NO:3

### 5. FIRE FIGHTING MEASURES

#### 5.1. Fire extinguishers

**Suitable extinguishing media:** Foam, dry chemical and spray water can be used for small fires. Fire department should be called in large-scale fires.

**Unsuitable extinguishing media:** Avoid contact with water.

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

Contains toxic gases after combustion. It can burn at high temperatures.

#### 5.3. Advice for firefighters

##### Protective measures to be taken during fire fighting

Avoid breathing fire gases or vapours.

##### Special protective equipment for firefighters

Wear positive pressure self-contained breathing apparatus and suitable protective clothing.

### 6. ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

The emergency team is notified. Unauthorized persons are removed from the environment. Any open flame sources that could cause the spilled product to catch fire are eliminated. When necessary, firefighting measures in section 8 are applied.

#### 6.2. Environmental Precautions

Avoid water leakage, a protective ditch should be dug into sewage and drainage systems and/or a section should be established for dry sand, earth or similar absorbent materials. Use floating dams for water spills.

#### 6.3. Methods and Materials for Containment and Cleaning Up

Absorb the spilled product with absorbent or inert matter. Store the waste material and the surface layer of oil-infected soil in a well-ventilated environment in closed containers. For disposal of waste, hand it over to the persons responsible for the disposal of hazardous waste appointed by the Ministry.

#### 6.4. Other Information

No data available

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

## AKSOIL LITHIUM GREASE NO:3

### 7. HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

By providing good ventilation in the working environment, it should be avoided to inhale the steam that may occur during use. Skin contact should be avoided and hygienic rules should be applied. Eye contact should be avoided and goggles or face mask should be used to prevent eye contact. Avoid eating, drinking and smoking while using the product. Disposable clothing should be used. Dispose of contaminated clothing without packaging. While taking oil from the barrel, protective shoes should be worn and appropriate means of transportation should be used.

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

It should be stored in tanks and containers designed in accordance with the properties of the product. Storage tanks should be labelled and warning signs should be placed and kept closed when out of use. Warning signs on the tanks should not be removed. Since there may be some product in empty tanks, warning signs should not be removed. If the hydrocarbon vapor concentration in the tank is more than 1%, and oxygen concentration is less than 20%, an oxygen mask should be worn, and it should not be entered without a mask. Light hydrocarbons collect in the upper part of the storage tanks, so ignition is possible. Therefore, static electricity must be discharged. Measures should be taken against the sources of ignition during filling and evacuation. Equipment such as pump, etc. must be grounded or the transfer containers are connected with a cable in order to prevent static electricity from accumulated.

#### 7.3. Specific End Uses

It is specified in section 1.2.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### 8.1. Control Parameters

#### 8.2. Exposure Controls

**8.2.1. Appropriate engineering controls:** Ensure that the environment is well ventilated.

#### 8.2.2. Personal Protection Measures:



**Respiratory Protection:** Respiratory protection equipment is not required during normal operation. In special cases (such as spillage), a mask that protects the whole face should be worn, and in cases such as fire, protectors containing compressed air should be used.



## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

### AKSOIL LITHIUM GREASE NO:3

**Hand Protection:** Gloves must be made of PVC or neoprene, and gloves resistant to petroleum derivatives should be used.

**Eye Protection:** Side-protected glasses or protective visor should be used where necessary.

**Special Hygiene and Safety Measures;** Smoking, eating and drinking are prohibited while carrying this product. Hands must be washed before each break.

**Additional Warning:** Oiled clothing and shoes should be removed immediately.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance: Semisolid

Colour: Yellow

Smell: Characteristic Odor Lubricant

pH Value: Not specified.

Soap Type :Lithium

Steam Pressure: No data

First Boiling Point: No data.

Solubility in Water: Insoluble.

Density at 15 °C kg/lit: No data

Dropping Point (°C) : min.195

Flash Point: No data

Flammability Limit %: No data

NLGI: 3

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

Stable under normal conditions.

### 10.2 Chemical Stability

No data available.

## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

### AKSOIL LITHIUM GREASE NO:3

#### 10.3 Possibility of Hazardous Reaction

There are no known hazardous products under normal conditions.

#### 10.4 Conditions To Avoided

Excessive heat, high energy sources that will cause it to ignite.

#### 10.5 Incompatible Materials

Flammable agents, strong oxidizers.

#### 10.6. Hazardous decomposition products

In cases of combustion, carbon oxides (CO, CO<sub>2</sub>) water vapor (H<sub>2</sub>O), sulphur dioxide (SO<sub>2</sub>) and undefined organic and inorganic compounds occur.

### 11. TOXICOLOGICAL INFORMATION

**Skin Corrosion/Irritation:** Long-term or repeated contact may cause irritation on the skin.

**Serious Eye Damage/Irritation:** Contact with the eye can cause temporary blindness and eye irritation.

**Respiratory or Skin Sensitization:** Inhalation of fog or smoke may irritate the eyes, nose and throat. Hot product vapor irritates the upper respiratory tract.

**If swallowed:** May cause nausea and diarrhea.

**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.

**Aspiration Hazard:** Based on available data, the classification criteria are not met.

**LD50, Acute Toxicity Estimates or LC50:** Based on available data, the classification criteria are not met.

### 12. ECOLOGICAL INFORMATION

#### 12.1. Toxicity

It is not considered dangerous for the environment. It doesn't harm aquatic creatures. There is practically no toxic effect on marine life. However, this can lead to physical contamination of organisms.

## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

### AKSOIL LITHIUM GREASE NO:3

#### 12.2. Persistence and degradability

Inherently biodegradable. It has the ability to accumulate in the soil.

**12.3. Bioaccumulative potential:** No data available

**12.4. Mobility in soil:** No data available

**12.5. Results of PBT and vPvB assessment:** No data available.

**12.6. Other adverse effects:** No data available

### 13. DISPOSAL INFORMATION

#### 13.1. Waste treatment methods:

Dispose of according to applicable regulations.

### 14. TRANSPORT INFORMATION

**14.1. UN number:** Not applicable.

**14.2. UN proper shipping name:** Not applicable.

**14.3. Transport hazard class(es):** There is no required transport warning sign.

**14.4. Packing group:** Not applicable.

**14.5. Environmental hazard:** Avoid release to the environment.

**14.6. Special precautions:** Not applicable.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable.

### 15. REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006, (REACH),
- Commission Regulation (EU) No 453/2010 amending Regulation (EC) No 1907/2006,
- Regulation (EC) No 1272/2008 (CLP),
- Commission Directive 2006/15/EC,

## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

### AKSOIL LITHIUM GREASE NO:3

- Commission Directive 2000/39/EC.
- ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road

#### 15.2 Chemical safety assessment

A chemical safety assessment has not been performed for this product.

### 16. OTHER INFORMATION

This Product Safety Data Sheet has been prepared within the scope of the information received from our raw material suppliers, and the information regarding health, safety and environment in it has been given by examining the reliable sources available at the time the form was prepared.

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