Dear simalube Customer,

We hereby confirm that the automatic lubricators simalube and simalube multipoint with the designation SL10 are filled with Axel Alutac 662 FM lubricant. The Material Safety Data Sheet (MSDS) for this lubricant is provided on the following pages. Please visit www.simatec.com for further technical data regarding this lubricant and simatec automatic lubricators.

Werter simalube Kunde


Cher client simalube

Nous certifions que les graisseurs automatiques simalube et simalube multipoint appelés SL10 sont remplis avec le lubrifiant Axel Alutac 662 FM. La fiche de données de sécurité de ce lubrifiant peut être trouvé dans les pages suivantes. Concernant les données techniques du lubrifiant tout comme les graisseurs automatiques simalube, vous allez trouver ces détails sous le lien suivant : www.simatec.com

Estimado cliente de simalube

Por la presente certificamos que los lubricadores automáticos simalube y simalube multipoint con la designación SL10, están rellenados con el lubricante Axel Alutac 662 FM. La ficha de datos de seguridad de este lubricante Usted pueden encontrar en las siguientes páginas. Para especificaciones técnicas del lubricante y de los lubricadores automáticos simalube ver: www.simatec.com

Caro cliente simalube

Con la presente confermiamo che i lubrificatori automatici simalube e simalube multipoint con la designazione SL10 sono riempiti con lubrificante Axel Alutac 662 FM. La scheda dati di sicurezza per questo lubrificante è riportato sulle seguenti pagine. I dati tecnici del lubrificante e dei lubrificatori automatici sono disponibili sul sito: www.simatec.com

01.10.2016 / simatec ag, Wangen a. Aare, Switzerland
Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name: Alutac 662 FM

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

Recommended use: Lubricating grease

1.3. Details of the supplier of the safety data sheet

Manufacturer
Axel France SAS
30 Rue de Pied de Fond
Z.I. St Liguaire
CS 98821
79028 Niort Cedex
France
Telephone: +33 549 77 13 71

For further information, please contact
info@axelch.com

1.4. Emergency telephone number

Emergency telephone: +46 (0) 303 332500

Emergency telephone - §45 - (EC)1272/2008
Europe: 112

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

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

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

Classification according to Directive 67/548/EEC or 1999/45/EC

R phrases: This mixture is classified as not hazardous according to regulation 1999/45/EC

2.2. Label elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

Symbols/Pictograms: None

Signal word: None
2.3. Other hazards

No information available

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**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**

3.2. Mixtures

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

Ingredient comments
This product is a aluminiumthickened lubricating grease based on polyalphaolefins with additives.

Full text of R-phrases: see section 16
Full text of H- and EUH-phrases: see section 16

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**Section 4: FIRST AID MEASURES**

4.1. Description of first aid measures

**Inhalation**
Move to fresh air in case of accidental inhalation of vapors.

**Skin contact**
Wash with soap and water.

**Eye contact**
Rinse thoroughly with plenty of water, also under the eyelids.

**Ingestion**
Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.

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

**Symptoms**
None known.

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

**Note to physicians**
Treat symptomatically.

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**Section 5: FIRE FIGHTING MEASURES**

5.1. Extinguishing media

**Suitable extinguishing media**
Use CO2, dry chemical, or foam.

**Unsuitable extinguishing media**
Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Not flammable. Fire may produce irritating and/or toxic gases.

5.3. Advice for firefighters

In the event of fire and/or explosion do not breathe fumes.

---

**Section 6: ACCIDENTAL RELEASE MEASURES**
6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions
Extremely slippery when spilled.

For emergency responders
Use personal protection recommended in Section 8.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up
Take up with sand or other non-combustible absorbent material and place into containers for later disposal.

6.4. Reference to other sections

Other information
See Section 12: ECOLOGICAL INFORMATION.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling
Extremely slippery when spilled.

General hygiene considerations
Handle in accordance with good industrial hygiene and safety practice. Avoid prolonged or repeated contact with skin.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions
Keep containers tightly closed in a cool, well-ventilated place. Keep at a temperature not exceeding 45°C. Keep away from heat, sparks and open flame.

7.3. Specific end use(s)

Risk management methods
The information required is contained in this Safety Data Sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Derived No Effect Level (DNEL)  No information available.
Predicted No Effect Concentration (PNEC)  No information available.

8.2. Exposure controls

Engineering controls  None under normal processing.

Personal protective equipment
Hand protection
Wear protective nitrile rubber gloves. Thickness ≥ 0.38 mm - breakthrough time > 480 minutes. Thickness 0.1 mm - splash protection. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves.

Eye/face Protection
Avoid contact with eyes.

Body protection
Suitable protective clothing.

Respiratory protection
None under normal processing. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

General hygiene considerations
Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls
Prevent product from entering drains.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
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</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Semi-solid</td>
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<tr>
<td>Appearance</td>
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<tr>
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<tr>
<td>Odor threshold</td>
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<td></td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Oxidizing properties</td>
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<td></td>
</tr>
</tbody>
</table>

9.2. Other information
Density
< 1000 kg/m³ @ 25 °C / 77 °F

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity
10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
None under normal processing.

10.4. Conditions to avoid
Heat

10.5. Incompatible materials
Strong oxidizing agents.

10.6. Hazardous decomposition products
None under normal processing.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects
Acute toxicity Not hazardous based on component data.
Skin corrosion/irritation Not hazardous based on component data.
Serious eye damage/eye irritation Not hazardous based on component data.
Sensitization Not hazardous based on component data.
Germ cell mutagenicity Not hazardous based on component data.
Carcinogenicity Not hazardous based on component data.
Reproductive toxicity Not hazardous based on component data.
STOT-single exposure Not hazardous based on component data.
STOT-repeated exposure Not hazardous based on component data.
Aspiration hazard Not hazardous based on component data.
The following values are calculated based on chapter 3.1 of the GHS document
Oral LD50 31,250.00 mg/kg

Product Information
Product does not present an acute toxicity hazard based on known or supplied information

Inhalation Inhalation of oil mist may cause irritation, headaches, nausea and breathing difficulties.
Eye contact Not expected to cause eye irritation
Skin contact Prolonged contact may cause redness and irritation
Ingestion Malaise (vague feeling of discomfort)
Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity
Not regarded as dangerous for the environment. Occasional major emissions or frequently recurring minor emissions may have a harmful or disturbing effect.

12.2. Persistence and degradability
Not readily biodegradable.

12.3. Bioaccumulative potential
Material does not bioaccumulate.

12.4. Mobility in soil

Mobility in soil
After release, adsorbs onto soil.

Mobility
Insoluble in water.

12.5. Results of PBT and vPvB assessment
No information available.

12.6. Other adverse effects
No information available

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from residues/unused products
Disposal should be in accordance with applicable regional, national and local laws and regulations

Contaminated packaging
Dispose of in accordance with federal, state and local regulations.

Waste codes / waste designations according to EWC / AVV
13 08 99

Section 14: TRANSPORT INFORMATION

Not regulated according to ADR/RID, IMDG, IATA.

14.1. UN number
Not regulated

14.2. UN proper shipping name
Not regulated

14.3. Transport hazard class(es)
Not regulated
14.4. Packing group
Not regulated

14.5. Environmental hazards
Not applicable

14.6. Special precautions for user
None

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
No information available

Section 15: REGULATORY INFORMATION

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

Water hazard class (WGK) Slightly hazardous to water (WGK 1)

European Union
Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

International Inventories

<table>
<thead>
<tr>
<th>TSCA</th>
<th>Complies</th>
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<tbody>
<tr>
<td>EINECS/ELINCS</td>
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<td>NZIoC</td>
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Legend
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
EINECS/ELINCS European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
NZIoC - New Zealand Inventory of Chemicals

15.2. Chemical safety assessment
No information available

Section 16: OTHER INFORMATION

Full text of R-phrases referred to under sections 2 and 3

Full text of H-Statements referred to under sections 2 and 3

Revision date 16-Jan-2015
Revision note

SDS sections updated, 1, 15.

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

End of Safety Data Sheet