Dear simalube Customer,

We hereby confirm that the automatic lubricators simalube and simalube multipoint with the designation SL19 are filled with Blaser 00736-01 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 SL19 sont remplis avec le lubrifiant Blaser 00736-01. 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 SL19, están rellenados con el lubricante Blaser 00736-01. 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 SL19 sono riempiti con lubrificante Blaser 00736-01. La scheda dati di sicurezza per questo lubrificante é 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**

- **Product identifier**
  - Trade name: BIO Chain saw oil 68
  - Article number: 00736-01
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
  No further relevant information available.
- **Application of the substance / the preparation:**
  For industrial use only
  Lubricant
- **1.3 Details of the supplier of the safety data sheet**
  - Manufacturer / Supplier:
    BLASER SWISSLUBE AG
    Winterseistrasse 22
    CH-3415 Hasle-Rüegsau
    Switzerland
    Tel.: +41 (0)34 460 01 01
    Fax: +41 (0)34 460 01 00
    E-mail: blaser@blaser.com
  - Further information obtainable from:
    Product Safety Department
    E-mail: reach@blaser.com
- **1.4 Emergency telephone number:**
  Toxicological information Switzerland:
  24-h-Emergency number: 145 (from abroad: +41 44 251 51 51)
  Information: +41 44 251 66 66
  For advice on chemical emergencies, spillages, fires or exposures: +44 1235 239670 (24h/7d)

**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture:**
  - Classification according to Regulation (EC) No 1272/2008
    This product is considered not hazardous according to the CLP regulation.
- **2.2 Label elements**
  - Labelling according to Regulation (EC) No 1272/2008
    The product does not meet the criteria which leads to a labeling.
  - Hazard pictograms: Void
  - Signal word: Void
  - Hazard statements: Void
- **2.3 Other hazards**
  - Results of PBT and vPvB assessment
    - PBT: Not applicable.
    - vPvB: Not applicable.

**SECTION 3: Composition/information on ingredients**

- **3.2 Mixtures**
  - Description:
    Mixture of substances listed below with nonhazardous additions.
    Mixture of esters and additives
- **Declarable, or hazardous components:**
  - CAS-no.
    Void
- **Additional information:**
  Not mentioned CAS-, EINECS- or registration numbers are to be regarded as Proprietary/Confidential.

(Contd. on page 2)
SECTION 4: First aid measures

- **4.1 Description of first aid measures**
  - **General information**: No special measures required.
  - **After skin contact**: Generally the product does not irritate the skin.
  - **After eye contact**: Rinse opened eye for several minutes under running water.
  - **After swallowing**: If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
  - Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray.
  - For safety reasons unsuitable extinguishing agents: Water with full jet
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
  - Protective equipment: No special measures required.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions**: Do not allow to enter sewers/surface or ground water.
- **6.3 Methods and material for containment and cleaning up**: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections**
  - No dangerous substances are released. See Section 7 for information on safe handling.
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
  - The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EU" as issued in the latest valid version.
  - Observe the general safety regulations when handling chemicals.
  - **Information about fire - and explosion protection**: No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
  - Storage:
    - Requirements to be met by storerooms and receptacles: Store only in the original receptacle.
    - Information about storage in one common storage facility: Store away from oxidising agents.
  - Further information about storage conditions:
    - Protect from heat and direct sunlight.
    - Optimal storage temperature between -25 °C and +35 °C.
    - Duration of storage: In original container, at least 3 years.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities**: No further data; see item 7.
Trade name: BIO Chain saw oil 68

### SECTION 9: Physical and chemical properties

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

**General Information**

- **Appearance:** Liquid
- **Colour:** Light yellow
- **Odour:** Weak, characteristic
- **Odour threshold:** Not determined.
- **pH-value:** Not applicable.

- **Change in condition:**
  - Melting point/freezing point: Not applicable
  - Initial boiling point and boiling range: >300 °C (DIN 51751 / ASTM D86)
  - Drip point: Not applicable
  - Pour point: -34 °C (ISO 3016 / ASTM D97)
- **Flash point:** 279 °C (ISO 2592 / ASTM D92)
- **Flammability (solid, gas):** Not applicable.
- **Ignition temperature:** >350 °C (DIN 51794 / ASTM E659)
- **Decomposition temperature:** Not determined.
- **Auto-ignition temperature:** Product is not selfigniting.
- **Explosive properties:** Product does not present an explosion hazard.
- **Explosion limits (@1013 mbar):**
  - Lower: Not determined.
  - Upper: Not determined.
### SECTION 10: Stability and reactivity

- **10.1 Reactivity** None known if used as directed.
- **10.2 Chemical stability** Stable under recommended storage conditions.
- **10.3 Possibility of hazardous reactions** Reacts with strong oxidising agents.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials** No further relevant information available.
- **10.6 Hazardous decomposition products**
  - Carbon monoxide and carbon dioxide
  - Sulphur oxides (SOx)

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
  - **Acute toxicity** Based on available data, the classification criteria are not met.
- **LD/LC50 values relevant for classification**
  - **Oral** (LD50) 99040 mg/kg (rat) (ATE)

- **Primary irritant effect**
  - **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
  - **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
  - **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
  - **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.
  - **STOT-single exposure** Based on available data, the classification criteria are not met.
  - **STOT-repeated exposure** Based on available data, the classification criteria are not met.
  - **Aspiration hazard** Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

- **12.1 Toxicity**
  - **Aquatic toxicity** No further relevant information available.
- **12.2 Persistence and degradability** Easily biodegradable
- **Other information**
  - Biodegradation according OECD 301 B; after 28 days: > 70%.
  - The product is easily biodegradable according to the OECD 301 and 302 guidelines.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
Trade name: BIO Chain saw oil 68

- Additional ecological information:
  - COD-value (DIN 38 414 - S9): 1.5-2.2 mgO₂/mg
  - BOD₅-value (SN EN 1899-1): 1.5-2.2 mgO₂/mg
  - General notes: Do not allow product to reach ground water, water course or sewage system.

- 12.5 Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.

- 12.6 Other adverse effects
  No further relevant information available.

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
  - Recommendation
    Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- European waste catalogue
  13 02 07* readily biodegradable engine, gear and lubricating oils

- Uncleaned packaging:
  - Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

- 14.1 UN-Number
  - ADR, ADN, IMDG, IATA
    Void

- 14.2 UN proper shipping name
  - ADR, ADN, IMDG, IATA
    Void

- 14.3 Transport hazard class(es)
  - ADR, ADN, IMDG, IATA
    Void

- 14.4 Packing group
  - ADR, IMDG, IATA
    Void

- 14.5 Environmental hazards:
  - Marine pollutant:
    No

- 14.6 Special precautions for user
  Not applicable.

- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code
  Not applicable.

- Transport/Additional information:
  Not dangerous according to the above specifications.

- UN "Model Regulation":
  Void

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Labelling according to Regulation (EC) No 1272/2008: CLP/GHS label elements are issued under section 2.

- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients are listed.

- National regulations: no further regulations.
- CPID-no. (CH): 169554-07

(Contd. on page 6)
SECTION 16: Other information

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.

· Regulations / approvals / listings:

  Information on REACH registration numbers in section 3:
  In case of lack of REACH registration numbers on mentioned hazardous substances at the end of 2010, then these numbers will be known and indicated only in section 3 within its tonnage band for registration, after the end of 2013, respectively by the end of 2018, or are exempt from the REACH regulation (e.g. polymers).

· RoHS:


  The following substances ARE NOT contained:
  Pentabromodiphenylether, Octabromodiphenylether, polybrominated diphenylether (PDBE) and/or polybrominated biphenyls (PBB), Bis(2-ethylhexyl)phthalate (DEHP), Benzylbutylphthalate (BBP), Dibutylphthalate (DBP), Diisobutylphthalate (DiBP);
  lead or it's compounds, cadmium or it's compounds, mercury or it's compounds, chromium Cr₆⁺-compounds.

· TSE/BSE:

  This product adheres to the standards of TSE/BSE-free products, according to European Community directives 93/42/EEC and 2003/32/EC.

  Materials and/or synthetically modified materials which are of animal origin from bovine, ovine, goats, cats, dogs, deer, elk and/or mink, are NOT included in this product.

  This product is entirely free from latex containing materials.

· Department issuing SDS: Product Stewardship

· Contact: Dr. Mosimann + Mr. Frei

· Editor's notice:

  The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications have not the meaning of guarantees on properties.

· Abbreviations and acronyms:

  ICAO: International Civil Aviation Organisation
  RoHS: Restriction of Hazardous Substances
  ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  RID: Règlement international concernant le transport des marchandises dangereuses par chemins de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
  IMDG: International Maritime Code for Dangerous Goods
  IATA: International Air Transport Association
  GHS: Globally Harmonised System of Classification and Labelling of Chemicals
  EINECS: European Inventory of Existing Commercial Chemical Substances
  ELINCS: European List of Notified Chemical Substances
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
  VOC: Volatile Organic Compounds (USA, EU)
  ISO: International Organisation for Standardisation
  DNEL: Derived No-Effect Level (REACH)
  PNEC: Predicted No-Effect Concentration (REACH)
  LC50: Lethal concentration, 50 percent
  LD50: Lethal dose, 50 percent
  PBT: Persistent, Bioaccumulative and Toxic
  TLV: Threshold Limit Value
  PEL: Permissible Exposure Limit
  REL: Recommended Exposure Limit
  ATE: Acute Toxicity Estimate
Trade name: BIO Chain saw oil 68

* Data compared to the previous version altered.
The asterisk (*) on the left side indicate the respective changes from the previous version.