

# SAFETY DATA SHEET according to Regulation 1907/2006



Product name: **3004 Coppex**

Creation date: **16.10.2009** · Revision: **3.7.2019** · Version: **1**

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

### 1.1. Product identifier

Product name

**3004 Coppex**



chemius.net/es014

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

Relevant identified uses

Paste

Uses advised against

No information.

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

Manufacturer

SILCO, D.O.O.

Address: Šentrupert 5 a, 3303 Gomilsko, Slovenia

Phone: +386 3 703 3180

Fax: +386 3 703 3188

E-mail: n.cvilak@silco-automotive.com

Point of contact for safety info: Nejc Cvilak

### 1.4. Emergency telephone number

Emergency

112

Supplier

+386 3 703 3180

## SECTION 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

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

Aerosol 1; H222 Extremely flammable aerosol.

Aerosol 1; H229 Pressurised container: May burst if heated.

Skin Irrit. 2; H315 Causes skin irritation.

Aquatic Chronic 3; H412 Harmful to aquatic life with long lasting effects.

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## 2.2 Label elements

### 2.2.1. Labelling according to Regulation (EC) No 1272/2008 [CLP]



Signal word: **Danger**

H315 Causes skin irritation.

H412 Harmful to aquatic life with long lasting effects.

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

P251 Do not pierce or burn, even after use.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

P102 Keep out of reach of children.

P273 Avoid release to the environment.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with national regulation.

### 2.2.2. Contains:

-

### 2.2.3. Special provisions

Special hazards are not known or expected.

## 2.3. Other hazards

No information.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

For mixtures see 3.2.

### 3.2. Mixtures

Name	CAS EC Index	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Conc. Limits	REACH Registration No.
isobutane [C]	75-28-5 200-857-2 601-004-00-0	25-50	Flam. Gas 1; H220		-
Naphtha (petroleum), hydrotreated light [P]	64742-49-0 265-151-9 649-328-00-1	10-25	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Aquatic Chronic 2; H411		-
propane	74-98-6 200-827-9 601-003-00-5	10-25	Flam. Gas 1; H220		-
butane [C]	106-97-8 203-448-7 601-004-00-0	2,5-10	Flam. Gas 1; H220		-

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## Notes for substances:

<b>C</b>	Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers.  In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.
<b>P</b>	The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7).  When the substance is not classified as a carcinogen at least the precautionary statements (P102-)P260-P262-P301 + P310-P331 (Table 3.1) or the S-phrases (2-)23-24-62 (Table 3.2) shall apply.  This note applies only to certain complex oil-derived substances in Part 3.

## SECTION 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General notes

When in doubt or if feeling unwell seek medical assistance. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

#### Following inhalation

Remove patient to fresh air - move out of dangerous area. If victim is not breathing give artificial respiration. If symptoms develop and persist, seek medical attention.

#### Following skin contact

Wash affected skin areas thoroughly with plenty of water and soap. Immediately remove contaminated clothing. If symptoms develop and persist, seek medical attention.

#### Following eye contact

Immediately flush eyes with running water, keeping eyelids apart. If irritation does not stop, seek professional medical treatment!

#### Following ingestion

Do not induce vomiting without prior consultation with a doctor. Immediately consult a doctor.

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

#### Inhalation

Vapours are narcotic.

#### Skin contact

Itching, redness, pain.  
Causes irritation of mucous membrane.

#### Eye contact

Contact with eyes can cause irritation (redness, tearing, pain).

#### Ingestion

Irritates mucous membranes in the mouth, throat, esophagus and in gastrointestinal area.  
Aspiration into the lungs causes coughing, shortness of breath and may lead to chemical pneumonia.

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

## SECTION 5. FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Suitable extinguishing media

Carbon dioxide. Dry chemical powder. Water spray. Alcohol resistant foam.

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## Unsuitable extinguishing media

Full water jet.

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

#### Hazardous combustion products

In the event of fire the following can be generated: carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>).

### **5.3. Advice for firefighters**

#### Protective actions

In case of fire or heating do not breathe fumes/vapours. Cool the endangered containers with water spray. Vapours can form explosive mixtures with air.

#### Special protective equipment for firefighters

Firefighters should wear appropriate protective clothing for firefighters (including helmets, protective boots and gloves) (EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (EN 137).

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

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

#### 6.1.1. For non-emergency personnel

##### **Protective equipment**

Use personal protective equipment (Section 8).

##### **Emergency procedures**

Ensure adequate ventilation. Keep away sources of ignition.

#### 6.1.2. For emergency responders

-

### **6.2. Environmental precautions**

Do not allow product to reach water/drains/sewage systems or permeable soil. If accidental large entry into water or ground occurs, inform responsible authorities.

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

#### 6.3.1. For containment

-

#### 6.3.2. For cleaning up

Absorb product (with inert material), collect it in special container and dispose it to a licensed hazardous-waste disposal contractor.

#### 6.3.3. Other information

-

### **6.4. Reference to other sections**

See also Sections 8 and 13.

## **SECTION 7. HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

#### 7.1.1. Protective measures

##### **Measures to prevent fire**

Ensure adequate ventilation. Keep away from sources of ignition - no smoking. Take precautionary measures against static discharges. Pressurized container; protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

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## Measures to prevent aerosol and dust generation

-

## Measures to protect the environment

-

### 7.1.2. Advice on general occupational hygiene

Avoid contact with skin and eyes.

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

### 7.2.1. Technical measures and storage conditions

Keep in cool and well ventilated area. Keep away from food, drink and animal feeding stuffs.

### 7.2.2. Packaging materials

-

### 7.2.3. Requirements for storage rooms and vessels

-

### 7.2.4. Storage class

-

### 7.2.5. Further information on storage conditions

-

## 7.3. Specific end use(s)

### Recommendations

-

### Industrial sector specific solutions

-

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### 8.1.1. Occupational exposure limit values

Name (CAS)	Limit values		Short-term exposure limit		Remarks	Biological Tolerance Values
	ml/m <sup>3</sup> (ppm)	mg/m <sup>3</sup>	ml/m <sup>3</sup> (ppm)	mg/m <sup>3</sup>		
Butane (106-97-8)	600	1450	750	1810	Carc, (only applies if Butane contains more than 0.1% of buta-1,3-diene)	
n-Hexane (110-54-3)	20	72	-	-		

#### 8.1.2. Information on monitoring procedures

BS EN 14042:2003 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 482:2012+A1:2015 Workplace exposure. General requirements for the performance of procedures for the measurement of chemical agents. BS EN 689:2018 Workplace exposure. Measurement of exposure by inhalation to chemical agents. Strategy for testing compliance with occupational exposure limit values.

#### 8.1.3. DNEL/DMEL values

No information.

#### 8.1.4. PNEC values

No information.

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## 8.2. Exposure controls

### 8.2.1. Appropriate engineering control

#### **Substance/mixture related measures to prevent exposure during identified uses**

Use good personal hygiene practices – wash hands at breaks and when done working with material. Avoid contact with eyes and skin. Do not breathe vapours/aerosols.

#### **Organisational measures to prevent exposure**

Remove all contaminated clothes immediately and wash them before reuse. Do not eat, drink or smoke while working.

#### **Technical measures to prevent exposure**

Provide good ventilation and local exhaust in areas with increased concentration. Keep away from food, drink and animal feeding stuffs.

### 8.2.2. Personal protective equipment

#### **Eye and face protection**

Safety glasses with side protection (EN 166).

#### **Hand protection**

Protective gloves (EN 374). (material: nitrilerubber)

#### **Skin protection**

Cotton protective clothing and shoes that cover the entire foot (EN ISO 20345).

#### **Respiratory protection**

In case of insufficient ventilation wear suitable respiratory protection. Filter AX.

#### **Thermal hazards**

-

### 8.2.3. Environmental exposure controls

-

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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

-	<b>Physical state:</b>	liquid
-	<b>Colour:</b>	like copper
-	<b>Odour:</b>	of gasoline

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## Important health, safety and environmental information

-	<b>pH</b>	No information.
-	<b>Melting point/freezing point</b>	No information.
-	<b>Initial boiling point/boiling range</b>	≤ 0 °C
-	<b>Flash point</b>	No information.
-	<b>Evaporation rate</b>	No information.
-	<b>Flammability (solid, gas)</b>	> 200 °C
-	<b>Explosion limits (vol%)</b>	No information.
-	<b>Vapour pressure</b>	No information.
-	<b>Vapour density</b>	No information.
-	<b>Density</b>	<b>Density:</b> 0,65626 g/cm <sup>3</sup>
-	<b>Solubility</b>	No information.
-	<b>Partition coefficient</b>	No information.
-	<b>Auto-ignition temperature</b>	No information.
-	<b>Decomposition temperature</b>	No information.
-	<b>Viscosity</b>	No information.
-	<b>Explosive properties</b>	No information.
-	<b>Oxidising properties</b>	No information.

## 9.2. Other information

-	<b>Remarks:</b>	
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## SECTION 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

-

### 10.2. Chemical stability

Product is stable under normal conditions of use, recommended handling and storage conditions.

### 10.3. Possibility of hazardous reactions

-

### 10.4. Conditions to avoid

No special precautions required. Consider the directions for use and storage.

### 10.5. Incompatible materials

Oxidants.

### 10.6. Hazardous decomposition products

Under normal use conditions no hazardous decomposition products are expected. In case of fire/explosion vapours/gases that pose a health hazard are released.

Aldehydes. Carbon dioxide; Carbon monoxide.

## SECTION 11. TOXICOLOGICAL INFORMATION

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## 11.1. Information on toxicological effects

### (a) Acute toxicity

No information.

### (b) Skin corrosion/irritation

Name	Species	Time	Result	Method	Remark
For product			Irritating to skin.		

### (c) Serious eye damage/irritation

No information.

### (d) Respiratory or skin sensitisation

No information.

### (e) (Germ cell) mutagenicity

No information.

### (f) Carcinogenicity

No information.

### (g) Reproductive toxicity

No information.

### Summary of evaluation of the CMR properties

No information.

### (h) STOT-single exposure

No information.

### (i) STOT-repeated exposure

No information.

### (j) Aspiration hazard

No information.

## SECTION 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### 12.1.1. Acute (short-term) toxicity

No information.

#### 12.1.2. Chronic (long-term) toxicity

No information.

### 12.2. Persistence and degradability

#### 12.2.1. Abiotic degradation, physical- and photo-chemical elimination

No information.

#### 12.2.2. Biodegradation

No information.

### 12.3. Bioaccumulative potential

#### 12.3.1. Partition coefficient

No information.

#### 12.3.2. Bioconcentration factor (BCF)

No information.



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## 12.4. Mobility in soil

### 12.4.1. Known or predicted distribution to environmental compartments

No information.

### 12.4.2. Surface tension

No information.

### 12.4.3. Adsorption/Desorption

No information.

## 12.5. Results of PBT and vPvB assessment

No evaluation.

## 12.6. Other adverse effects

No information.

## 12.7. Additional information

### For product

Do not allow to reach ground water, water courses or sewage system.

Avoid release to the environment.

Water hazard class 2 (self-assessment): hazardous for water.

## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

#### 13.1.1. Product / Packaging disposal

##### Waste chemical

Disposal must be made according to official regulations: deliver it to authorised collector/remover/transformer of hazardous waste. Do not allow product to reach drains/sewage systems.

##### Waste codes / waste designations according to LoW

16 05 04\* - gases in pressure containers (including halons) containing dangerous substances

##### Packaging

Completely emptied and cleaned containers leave to approved waste disposal authorities in charge.

##### Waste codes / waste designations according to LoW

15 01 04 - metallic packaging

#### 13.1.2. Waste treatment-relevant information

-

#### 13.1.3. Sewage disposal-relevant information

-

#### 13.1.4. Other disposal recommendations

-

## SECTION 14. TRANSPORT INFORMATION

### 14.1. UN number

UN 1950

### 14.2. UN proper shipping name

AEROSOLS



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## 14.3. Transport hazard class(es)

2

## 14.4. Packing group

Not applicable.

## 14.5. Environmental hazards

NO.

## 14.6. Special precautions for user

### Limited quantities

1 L

### Tunnel restriction code

(D)

### IMDG EmS

F-D, S-U

## 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Goods may not be carried in bulk in bulk containers, containers or vehicles.

## SECTION 15. REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (including last amendment Commission Regulation (EU) 2015/830)

- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

#### 15.1.1. Information according 2004/42/EC about limitation of emissions of volatile organic compounds (VOC-guideline)

Not applicable.

### 15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## SECTION 16. OTHER INFORMATION

### Indication of changes

-

### Abbreviations and acronyms

ATE - Acute Toxicity Estimate

ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

CEN - European Committee for Standardisation

C&L - Classification and Labelling

CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008

CAS# - Chemical Abstracts Service number

CMR - Carcinogen, Mutagen, or Reproductive Toxicant

CSA - Chemical Safety Assessment

CSR - Chemical Safety Report

DMEL - Derived Minimal Effect Level

DNEL - Derived No Effect Level

DPD - Dangerous Preparations Directive 1999/45/EC

DSD - Dangerous Substances Directive 67/548/EEC

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DU - Downstream User  
EC - European Community  
ECHA - European Chemicals Agency  
EC-Number - EINECS and ELINCS Number (see also EINECS and ELINCS)  
EEA - European Economic Area (EU + Iceland, Liechtenstein and Norway)  
EEC - European Economic Community  
EINECS - European Inventory of Existing Commercial Substances  
ELINCS - European List of notified Chemical Substances  
EN - European Standard  
EQS - Environmental Quality Standard  
EU - European Union  
Euphrac - European Phrase Catalogue  
EWC - European Waste Catalogue (replaced by LoW – see below)  
GES - Generic Exposure Scenario  
GHS - Globally Harmonized System  
IATA - International Air Transport Association  
ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air  
IMDG - International Maritime Dangerous Goods  
IMSBC - International Maritime Solid Bulk Cargoes  
IT - Information Technology  
IUCLID - International Uniform Chemical Information Database  
IUPAC - International Union for Pure Applied Chemistry  
JRC - Joint Research Centre  
Kow - octanol-water partition coefficient  
LC<sub>50</sub> - Lethal Concentration to 50 % of a test population  
LD<sub>50</sub> - Lethal Dose to 50% of a test population (Median Lethal Dose)  
LE - Legal Entity  
LoW - List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)  
LR - Lead Registrant  
M/I - Manufacturer / Importer  
MS - Member States  
MSDS - Material Safety Data Sheet  
OC - Operational Conditions  
OECD - Organization for Economic Co-operation and Development  
OEL - Occupational Exposure Limit  
OJ - Official Journal  
OR - Only Representative  
OSHA - European Agency for Safety and Health at work  
PBT - Persistent, Bioaccumulative and Toxic substance  
PEC - Predicted Effect Concentration  
PNEC(s) - Predicted No Effect Concentration(s)  
PPE - Personal Protection Equipment  
(Q)SAR - Qualitative Structure Activity Relationship  
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006  
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail  
RIP - REACH Implementation Project  
RMM - Risk Management Measure  
SCBA - Self-Contained Breathing Apparatus  
SDS - Safety data sheet  
SIEF - Substance Information Exchange Forum  
SME - Small and Medium sized Enterprises  
STOT - Specific Target Organ Toxicity  
(STOT) RE - Repeated Exposure  
(STOT) SE - Single Exposure  
SVHC - Substances of Very High Concern  
UN - United Nations  
vPvB - Very Persistent and Very Bioaccumulative

## Key literature references and sources for data

MSDS, date 5.8.2009

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## List of relevant H phrases

- H220 Extremely flammable gas.
- H225 Highly flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H336 May cause drowsiness or dizziness.
- H411 Toxic to aquatic life with long lasting effects.



- Provided correct labelling of the product
- Compliance with the local legislation
- Provided correct classification of the product
- Provided adequate transport data

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The information of this SDS is based on the present state of our knowledge and meets the requirements of EU and national laws. The user's working conditions however, are beyond our knowledge and control. The product is not to be used for purposes other than those specified under Section 1 without a written permission. It remains the responsibility of the user to ensure that the necessary steps are taken to meet the laws and regulations. Handling of the product may only be done by people above 18 years of age, who are satisfactorily informed of how to do the work, the hazardous properties and necessary safety precautions. The information given in this SDS is to describe the product only in terms of health and safety requirements and should not, therefore, be construed as guaranteeing specific properties.