

**Safety data sheet pursuant to ordinance  
(EC) No. 453/2010  
(EC) No. 1907/2006 (REACH)**

Print date: 02/03/2016

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Revised:03.08.2015

Cimco-Werkzeugfabrik  
Carl Jul. Müller GmbH & Co. KG

## 1. DESIGNATION OF THE MATERIAL OR MIXTURE AND COMPANY NAME

### 1.1 Product identifier

**Product name** Alpa Gel Cimco –A Art. No. **151010 / 151012 / 151014**  
**Trade name** Alpa Gel Cimco –A Art. No. **151010 / 151012 / 151014**  
**CAS No.**  
**EC No.**

### 1.2 Relevant identified use of material or mixture and uses that are not advisable

Recommended  
limitations of the  
application

Use of the  
material/mixture Electrical and electronics industry

### 1.3 Details on the supplier who is making the safety data sheet available

**Company** Cimco Werkzeugfabrik Carl Jul. Müller GmbH & Co. KG  
Hohenhagener Straße 1 - 5  
D-42855 Remscheid, Germany  
+49 (0) 21913718-01 Fax: +49 (0) 21913718-86

**1.4 Emergency number** **Emergency CONTACT (24-Hour-Number)**  
**GBK GmbH +49 (0)6132-84463**

## 2. POSSIBLE HAZARDS

### 2.1 Classification of the material

- **Classification in accordance with the directive (EC) No. 1272/2008 [CLP/GHS]**  
Not a hazardous substance or hazardous admixture in accordance with the directive (EC) No. 1272/2008.

### 2.2 Label elements

- **Labelling according to directive (EC) No. 1272/2008 [CLP/GHS]**  
**Safety information:**  
P233 Keep container tightly sealed.

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### 2.3 Other dangers

According to our current knowledge, the product – in accordance with Annex XIII of the directive (RG) No. 1907/2006 (REACH) – contains no persistent, bioaccumulative or toxic substances (PBT substances) or very persistent or very bioaccumulative substances (vPvB substances).

## 3. COMPOSITION / INFORMATION ON COMPONENTS

Chemical characterisation: Addition-curing silicon polymer.

Note: No hazardous constituents according to ordinance (EC) No. 1907/2006

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

#### General information

Remove dirty, saturated clothing immediately.

#### After inhaling

Move the affected person into the fresh air.  
In the event of complaints, seek medical assistance.

#### After skin contact

In the event of skin contact, mechanically remove with cloth or paper. Immediately wash off with soap and lots of water.  
In the event of long-term skin irritation, consult doctor.

#### After swallowing

Do not induce vomiting.  
Seek medical assistance.  
Rinse mouth with water.

#### After eye contact

In the event of contact with the eyes, immediately rinse thoroughly with lots of water. Seek medical attention if symptoms persist.

### 4.2 Important symptoms and effects which are acute or occur with a delay

No information is available.

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

No information is available.

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## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing agents

**Suitable extinguishing agents** Foam, extinguishing powder, carbon dioxide, water spray

**Unsuitable extinguishing agents** Direct water jet

### 5.2 Particular risks associated with the material or mixture

In case of fire, hazardous decomposition products can occur.  
During a fire, the following substances could be released: carbon oxide, silicon dioxide.

### 5.3 Information on fire fighting

#### **Special protective equipment for firefighting:**

In the presence of combustion or carbonization gases, any firefighting, rescue and clearing up activities should be undertaken only with heavy-duty respiratory protection.

#### **Further information:**

Do not inhale smoke, gases from fire and vapours.

To cool sealed containers, use a water spray.

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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## 6. MEASURES IN THE EVENT OF ACCIDENTAL RELEASE

### 6.1 Person-related safety precautions, protective equipment and procedures to be followed in emergencies

Use personal protective clothing.  
Dirty surfaces become extremely slippery.

### 6.2 Environmental protection measures

Prevent the product from entering the drain system, water courses, or soil. Pay attention to local official regulations.

### 6.3 Methods and material for containment and cleaning

Soak up with liquid absorbing material (e.g. sand, silica gel, acid binding agent, universal binder, sawdust).  
Clean soiled areas thoroughly. Dispose of in accordance with local authority regulations.

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#### 6.4 References to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protective equipment: see section 8

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### 7. HANDLING AND STORAGE

#### 7.1 Safety measures for safe handling

Information on safe handling

Ensure adequate ventilation and/or extraction in the work rooms.

Hygiene measures

Do not smoke, eat, drink or sniff while working.  
Wash hands before breaks and after finishing work.

Information on fire and explosion  
protection

Pay attention to usual rules of preventative fire protection.  
Keep away from ignition sources – Do not smoke.

#### 7.2 Conditions for safe storage taking incompatibilities into consideration

Storage requirements

Always store in containers equivalent to the original containers.  
Keep container tightly sealed.  
Store cool and dry.

Information on storage with other  
products

Incompatible with acids and alkalis.

Further information on storage  
conditions

Protect from frost.  
Protect from humidity and water.

Storage class

10 Flammable liquids, unless storage class 3

#### 7.3 Specific end use

See section 1.2

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**8. LIMITATION AND MONITORING OF EXPOSURE / PERSONAL PROTECTIVE EQUIPMENT**

**8.1 Limit values**

Does not contain substances with workplace threshold values.

**8.2 Limiting and monitoring exposure**

Technical protection measures

Ensure adequate ventilation and/or extraction in the work rooms.

Personal protective equipment

General protective and hygiene measures

The usual safety measures for handling chemicals needs to be adhered to.

Do not inhale vapour/aerosol.

Keep away from food, drink and animal feed. Do not smoke, eat or drink while working. Avoid contact with the eyes and skin.

Wash hands before a break and after finishing work. Remove dirty, saturated clothing immediately.

Respiratory protection

If ventilation is inadequate, wear breathing apparatus.  
Recommended filter type: combination filter A/P

Hand protection

Nitrile rubber  
Protection index class 6  
Penetration time: > 480 min  
Glove thickness: > 0.35 mm

The breakthrough times determined according to EN 374 Part III are not tested under practical conditions. We therefore recommend a maximum wearing time of 50% of the breakthrough time. Selection of a suitable glove depends not only on the material but also on other quality features and varies from one manufacturer to another.

Eye protection

Safety glasses

Personal protection

Protective clothing

Limiting and monitoring environmental exposure

Prevent the product from entering the drain system, water courses, or soil.  
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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

Form	liquid
Colour	transparent
Odour	odourless
Steam pressure	< 100 hPa 20 °C
Relative density	0.98 g/cm <sup>3</sup> 20 °C
Boiling point	- na -
Melting point / Freezing point	- na -
Explosive properties	- na -
Self-ignition temperature	- na -
Ignition point	> 100 °C
Flammability	- na -
Oxidizing properties	- na -
Solubility in / miscibility with	- na -
Ignition temperature	- na -
Solvent content	- na -
Solids content	- na -

### 9.2 Other information

No information is available.

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## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No hazards particularly to be mentioned.

### 10.2 Chemical stability

The product is chemically stable.

### 10.3 Possible hazardous reactions

No known hazardous reactions if used as intended.

### 10.4 Conditions to be avoided

Protect from moisture.

### 10.5 Incompatible materials

Acids  
Bases

### 10.6 Dangerous decomposition processes

No decomposition when stored and used as intended.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

	Value/Evaluation	Species	Method	Note
LD50 acute oral	> 5000 mg/kg	Rat		Conclusion by analogy
Skin irritation	irritant			Prolonged skin contact can cause skin irritation.
Eye irritation	irritant			Contact with eyes can cause irritation.
Sensitisation skin	not sensitising			No known sensitising effect.

### Practical experience

No information is available.

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**General comments**

As far as we know and according to the information available to us, the product does not represent a health hazard when used as intended.

**12. ENVIRONMENTAL INFORMATION**

**12.1 Toxicity**

	<b>Value/Evaluation</b>	<b>Species</b>	<b>Method</b>	<b>Note</b>
Fish	LC0 200 mg/l (96 h)	Leuciscus idus		Conclusion by analogy
Bacteria	EC0 > 10000 mg/l	Pseudomonas putida		Conclusion by analogy

**12.2 Persistence and degradability**

The product floats on water and does not dissolve. It can be mechanically separated in sewage plants.

**12.3 Bio accumulation potential**

No information is available.

**12.4 Mobility in the soil**

No information is available.

**12.5 Results of PBT and vPvB assessment**

PBT	Not applicable
vPvB	Not applicable

**12.6. Other harmful effects**

As the product is not water-soluble, it is not possible to determine the ecological data, e.g. biological capacity for elimination, COD and BOD values by analysis. According to our current knowledge, the product does not contain heavy metals and compounds according to EC directive 2000/60/EC.



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**13. INFORMATION ON DISPOSAL**

Product Dispose of in accordance with local authority regulations.

Waste code

Waste marked with an asterisk (\*) are classed as hazardous waste according to Directive 2008/98/EC on hazardous waste.

Unclean packaging Pay attention to local and official regulations.

**14. INFORMATION ON TRANSPORT**

	ADR/RID	IMDG	IATA-DGR
<b>14.1 UN number</b>	Not hazardous goods	Not hazardous goods	Not hazardous goods
<b>14.2 Proper UN shipping name</b>	Not hazardous goods	Not hazardous goods	Not hazardous goods
<b>14.3 Transport hazard class</b>	-	-	-
<b>14.4 Packaging group</b>	-	-	-
<b>14.5 Environmental hazards</b>	Not hazardous goods	Not hazardous goods	Not hazardous goods

**14.6 Special preventive measures for the user**

No information is available.

**14.7 Bulk transport according to Appendix II of the MARPOL agreement 73/78 and according to the IBC code**

Not applicable.

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## 15. STATUTORY REGULATIONS

### 15.1 Regulations on safety, health and environmental protection / specific legal regulations for the material or the mixture

Water hazard class 1 VwVwS Appendix 4  
slightly water hazardous

#### Other regulations

The product is classified and marked pursuant to EC Directives or the relevant national laws.

### 15.2 Chemical safety assessment

A chemical safety assessment is not necessary for this substance.

## 16. OTHER INFORMATION

### Further information

National special provisions need to be implemented by each user on their own responsibility!  
The information given is based on our current level of knowledge and serves to describe the product in terms of the safety precautions to be taken. It does not represent an assurance of properties of the product described.

Please pay attention to additional information! - Our safety data sheets have been prepared according to the valid EU guidelines WITHOUT taking into consideration any special national regulations regarding handling hazardous materials and chemicals.