

# EC-Material Safety Data Sheet

For chemical substances and preparations according 1907/2006/EG

Trade name: BINZEL Antispritzerschutzmittel

Issue of: 26.07.2010

Printed Date: 27.10.2010

last revision: 29.09.2010



## 1. Identification of substance

### Product details

<b>Trade name:</b>	<b>BINZEL Antispritzerschutzmittel</b>
<b>Application of the substance / the preparation</b>	<b>Surface protection</b>
<b>Manufacturer/Supplier:</b>	<b>Alexander Binzel Schweißtechnik GmbH &amp; Co. KG</b> Postfach 10 01 53 / D- 35331 Gießen
<b>Phone:</b>	<b>+ 49 (0) 6408/59-0</b>
<b>Respondent Person:</b>	<b>Technical dokumentation</b>
<b>Phone:</b>	<b>+ 49 (0) 6408/59-0</b>
<b>e-Mail:</b>	<b>technischedokumentation@binzel-abicor.com</b>
<b>Information in case of Emergency:</b>	<b>National advisory board for symptoms of intoxication Berlin</b>
<b>Phone:</b>	<b>+ 49 (0) 3019240</b>
<b>Telefax:</b>	<b>+ 49 (0) 3030686721</b>


## 2. Hazards identification

<b>Hazard designation:</b>	Void
<b>Information pertaining to particular dangers for man and environment:</b>	The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
<b>Classification system:</b>	The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information provided by supplier companies.

## 3. Composition/information on ingredients

<b>Chemical characterization</b>	
<b>Description:</b>	Mixture of the substances listed below with harmless additions.
<b>Dangerous components (CAS):</b>	Void
<b>Additional information:</b>	For the wording of the listed risk phrases refer to section 16.

## 4. First aid measures

<b>General information:</b>	 Instantly remove any clothing soiled by the product. No special measures required.
<b>After inhalation:</b>	Supply fresh air; consult doctor in case of symptoms.
<b>After skin contact:</b>	The product is not skin irritating.
<b>After eye contact:</b>	Rinse opened eye for several minutes under running water. Then consult doctor.
<b>After swallowing:</b>	Seek immediate medical advice.
<b>Information for doctor</b>	
<b>Treatment:</b>	If swallowed or in case of vomiting, danger of entering the lungs. Subsequent observation for pneumonia and pulmonary oedema

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## 5. Fire fighting measures

<b>Suitable extinguishing agents:</b>	CO2, extinguishing powder or water jet. Fight larger fire with alcohol-resistant foam. Use fire fighting measures appropriate to the environment.
<b>For safety reasons unsuitable extinguishing agents:</b>	Water with a full water jet.
<b>Special hazards caused by the material, its products of combustion or flue gases:</b>	
<b>Main products of combustion:</b>	Carbon Monoxide, Carbon Dioxide, Carbon and Water
<b>Protective equipment:</b>	Wear self-contained breathing apparatus.
<b>Additional information:</b>	Cool endangered containers with water spray jet. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

## 6. Accidental release measures

<b>Person-related safety precautions:</b>	Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation. Keep away from ignition sources. Use breathing protection against the effects of fumes/dust/aerosol. Wear protective clothing.
<b>Measures for environmental protection:</b>	 Do not allow product to reach sewage system or water bodies.
<b>Measures for cleaning/collecting:</b>	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Send for recovery or disposal in suitable containers. Dispose of the material collected according to regulations.
<b>Additional information:</b>	No dangerous materials are released. See Section 13 for information on disposal.

## 7. Handling and storage

<b>Handling:</b>	
<b>Information for safe handling:</b>	- Avoid splashes or spray in enclosed areas.
<b>Information about protection against explosions and fires:</b>	see part 15
<b>Storage:</b>	see part 15
<b>Requirements to be met by storerooms and containers:</b>	see part 15
<b>Information about storage in one common storage facility:</b>	Store away from foodstuffs.
<b>Further information about storage conditions:</b>	see part 15
<b>Recommended storage temperature:</b>	+5°C / +30 °C humidity < 80 %

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## 8. Exposure controls and personal protection

**Additional information about design of technical systems:**

No further data; see item 7.

**Components with critical values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information:**

The lists that were valid during the compilation were used as basis.

**Personal protective equipment: General protective and hygienic Measures:**

Do not eat, drink or smoke while working.  
Use skin protection cream for preventive skin protection.

**Protection of hands:**

Preventive skin protection by use of skin-protecting agents is recommended.

**Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material:**

The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

**As protection from splashes gloves made of the following materials are suitable:**



Nitrile rubber, NBR

**Eye protection:**



Tightly sealed safety glasses.  
Gauze goggles

**Body protection:**

Protective work clothing.

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## 9. Physical and chemical properties

General Information:	
Form:	Fluid
Colour:	According to product specification
Smell:	Characteristic
Change in condition	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	> 180°C
Flash point:	> 250°C
Self-inflammability:	Product is not selfigniting.
Danger of explosion:	Product is not explosive.
Density at 20°C:	0,88 g/cm <sup>3</sup>
Solubility in / Miscibility with Water:	Not miscible or difficult to mix
Viscosity	
Kinematic at 20°C:	18 s (DIN 53211/4)
Organic solvents:	0,0%

## 10. Stability and reactivity

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.  
Materials to avoid: Strong oxidising agents.  
Dangerous decomposition products: No dangerous decomposition products known

## 11. Toxicological information

Acute toxicity: -  
Primary irritant effect: -  
on the skin: No irritant effect.  
on the eye: No irritant effect.  
Sensitization: No sensitizing effect known.  
Additional toxicological information: The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

## 12. Ecological information

General notes: Water hazard class 1 (Self-assessment): slightly hazardous for water.

## \* 13. Disposal considerations

Product:  
Waste disposal key number: Use EWC

European waste catalogue	
13 02 05 *	mineral-based non-chlorinated engine, gear and lubricating oils
15 01 10 *	packaging containing residues of or contaminated by dangerous substances
15 01 02	plastic packaging

Uncleaned packagings: Disposal must be carried out according to official regulations.  
Recommendation:

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## 14. Transport information

<b>Land transport ADR/RID and GGVS/GGVE (cross-border/domestic):</b>	
ADR/RID-GGVS/E Class:	-
<b>Maritime transport IMDG/GGVSea:</b>	
IMDG/GGVSea Class:	-
Marine pollutant:	No
<b>Air transport ICAO-TI and IATA-DGR:</b>	
ICAO/IATA Class:	-

## 15. Regulatory information

### Designation according to EC guidelines:

Observe the normal safety regulations when handling chemicals The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).

### Risk phrases:

void

### National regulations:

#### Information about limitation of use:

Employment restrictions concerning young persons must be observed.

#### Classification according to VbF:

no longer valid - refer to PUWER (Provision and Use of Work Equipment Regulations)

#### Classification according to Provision and Use of Work Equipment Regulations (PUWER)

-

#### Class Share in %:

-

### Water hazard class:

Water hazard class 1: slightly hazardous for water.

### Other regulations, limitations and prohibitive regulations:

#### Storage:

Store away from foodstuffs.

#### VOC and MAL:

-

#### MAL:

00-1

## 16. Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

\* Data compared to the previous version altered.