

# FAG Arcanol MULTI3

**Safety Data Sheet (SDS) conforms to ANSI Z400.1/Z129.1-2010 (29 CFR 1910) (US)**

Date printed 17.12.2014, Revision 17.12.2014  
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## SECTION 1: Identification of the substance/mixture and of the company/undertakin

<b>Product identifier</b>	<b>FAG Arcanol MULTI3</b>
<b>Relevant identified uses of the substance or mixture and uses advised against</b>	Lubricant
<b>Company</b>	Schaeffler Technologies GmbH & Co. KG Georg-Schäfer-Str. 30 97421 Schweinfurt / GERMANY Phone +49 (0)9721 91 4681 Fax +49 (0)9721 91 1766 Homepage <a href="http://www.schaeffler.com">www.schaeffler.com</a> E-mail <a href="mailto:wolzwl@schaeffler.com">wolzwl@schaeffler.com</a>
<b>Address enquiries to</b>	
<b>Emergency telephone number</b>	+49 (0)89-19240 (24h) (english)
<b>Advisory body</b>	
<b>Technical information</b>	<a href="mailto:wolzwl@schaeffler.com">wolzwl@schaeffler.com</a>
<b>Safety Data Sheet</b>	<a href="mailto:sdb@chemiebuero.de">sdb@chemiebuero.de</a>

## SECTION 2: Hazards identification

<b>Emergency Overview</b>	
<b>Appearance, Odor:</b>	pasty, light brown, characteristic
<b>OSHA Regulatory Status</b>	This product is classified as non-hazardous in accordance to OSHA Standard 29 CFR 1910.1200.
<b>Potential health effects</b>	Frequent persistent contact with the skin can cause skin irritation.
<b>Potential environmental effects</b>	Does not contain any PBT or vPvB substances.

## SECTION 3: Composition / Information on ingredients

The product is a mixture.

<b>Comment on component parts</b>	No dangerous components. Substances of Very High Concern - SVHC: substances are not contained or are below 0,1%.
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## SECTION 4: First aid measures

<b>Description of first aid measures</b>	Change soaked clothing.
<b>Inhalation</b>	Ensure supply of fresh air. In the event of symptoms seek for medical treatment.
<b>Skin contact</b>	When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists.
<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>Ingestion</b>	Seek medical advice immediately. Do not induce vomiting.
<b>Indication of any immediate medical attention and special treatment needed</b>	Treat symptomatically. Forward this sheet to the doctor.

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## SECTION 5: Fire-fighting measures

**Suitable extinguishing media** Carbon dioxide.  
Water spray jet.  
Dry powder.  
Alcohol-resistant foam.

**Extinguishing media that must not be used** Full water jet.

**Special exposure hazards arising from the substance or preparation itself or combustion products** Risk of formation of toxic pyrolysis products.

**Special protective equipment for firefighters** Use self-contained breathing apparatus.

**Additional information** Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

## SECTION 6: Accidental release measures

**Personal precautions, protective equipment and emergency procedures** High risk of slipping due to leakage/spillage of product.  
Forms slippery surfaces with water.

**Environmental precautions** Do not discharge into the drains/surface waters/groundwater.

**Methods and material for containment and cleaning up** Take up mechanically.  
Take up residues with absorbent material (e.g. sand).  
Dispose of absorbed material in accordance within the regulations.

## SECTION 7: Handling and storage

**Precautions for safe handling** Use only in well-ventilated areas.

**Requirements for storage rooms and vessels** Keep only in original container.

**Advice on storage compatibility** Do not store together with food.  
Do not store together with oxidizing agents.

**Further information on storage conditions** Keep container tightly closed.

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## SECTION 8: Exposure controls / personal protection

<b>Additional advice on system design</b>	Ensure adequate ventilation on workstation.
<b>Ingredients with occupational exposure limits to be monitored (US)</b>	not applicable
<b>Respiratory protection</b>	not applicable
<b>Hand protection</b>	The details concerned are recommendations. Please contact the glove supplier for further information. In full contact: Nitrile rubber, >120 min (EN 374).
<b>Eye protection</b>	Safety glasses.
<b>Skin protection</b>	not applicable
<b>General protective measures</b>	Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of these equipments to chemicals should be ascertained with the respective supplier. Avoid contact with eyes and skin.
<b>Hygiene measures</b>	Wash hands before breaks and after work. Use barrier skin cream. Contaminated work clothing should not be allowed out of the workplace. Take off contaminated clothing and wash before reuse. Cloths contaminated with product should not be kept in trouser pockets.
<b>Delimitation and monitoring of the environmental exposition</b>	See SECTION 6+7.

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## SECTION 9: Physical and chemical properties

Form	pasty
Color	light brown
Odor	characteristic
pH-value	not applicable
pH-value [1%]	not applicable
Boiling point [°C]	not determined
Flash point [°C]	not applicable
Flammability [°C]	not determined
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Oxidizing properties	no
Vapour pressure/gas pressure [kPa]	not determined
Density [g/ml]	ca. 0,9 (DIN 51757) (25°C / 77,0°F)
Bulk density [kg/m³]	not applicable
Solubility in water	virtually insoluble
Partition coefficient [n-octanol/water]	not determined
Viscosity	NLGI 3
Relative vapour density determined in air	not applicable
Evaporation speed	not applicable
Melting point [°C]	> 190 (DIN ISO 2176)
Autoignition temperature [°C]	not applicable
Decomposition temperature [°C]	not determined

## SECTION 10: Stability and reactivity

Reactivity	No dangerous reactions known if used as directed.
Chemical stability	Stable under normal ambient conditions (ambient temperature).
Possibility of hazardous reactions	Reactions with oxidizing agents. If product is heated above decomposition temperature toxic vapours may be released.
Conditions to avoid	See SECTION 7
Incompatible materials	Strong oxidizing agent.
Hazardous decomposition products	No hazardous decomposition products known.

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

**Acute oral toxicity** not determined

**Acute dermal toxicity** not determined

**Acute inhalational toxicity** not determined

**Serious eye damage/irritation** not determined

**Skin corrosion/irritation** not determined

**Respiratory or skin sensitisation** not determined

**Specific target organ toxicity — single exposure** not determined

**Specific target organ toxicity — repeated exposure** not determined

**Mutagenicity** not determined

**Reproduction toxicity** not determined

**Carcinogenicity** not determined

**General remarks** No classification on the basis of the calculation procedure of the preparation directive.  
Toxicological data of complete product are not available.

## SECTION 12: Ecological information

### Toxicity

**Fish toxicity** not determined

**Daphnia toxicity** not determined

**Behaviour in environment compartments** not determined

**Behaviour in sewage plant** not determined

**Bacteria toxicity** not determined

**Biological degradability** not determined

**COD** not determined

**BOD 5** not determined

**AOX-advice** not applicable

**2006/11/EC:** yes

**Other adverse effects** No classification on the basis of the calculation procedure of the preparation directive.  
Do not discharge product unmonitored into the environment.

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## SECTION 13: Disposal considerations

<b>Product</b>	In according to RoHS! Disposal in an incineration plant in accordance with the regulations of the local authorities. For recycling, consult manufacturer.
<b>Contaminated packaging</b>	Uncontaminated packaging may be taken for recycling. Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.
<b>RCRA Hazard Class (40CFR 261)</b>	Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities.

## SECTION 14: Transport information

<b>Transport by land according to ADR/RID</b>	NO DANGEROUS GOODS
<b>Inland navigation (ADN)</b>	NO DANGEROUS GOODS
<b>Marine transport in accordance with IMDG</b>	NOT CLASSIFIED AS "DANGEROUS GOODS"
<b>Air transport in accordance with IATA</b>	NOT CLASSIFIED AS "DANGEROUS GOODS"
<b>DOT Road Shipment Information (49 CFR)</b>	NOT CLASSIFIED AS "DANGEROUS GOODS"

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## SECTION 15: Regulatory information

### US Regulations

#### National regulations

29 CFR 1910.1200, ANSI Z400.1-2010, OSHA-PEL, ACGIH-TLV, NTP, IARC, SARA Title III, NFPA, TSCA, California - Prop. 65

- SARA, 302

This product does not contain any ingredients regulated under this list.

- SARA, 311

This product does not contain any ingredients regulated under this list.

- SARA, 313

This product does not contain any ingredients regulated under this list.

- CA Proposition 65

not applicable

- TSCA

All chemical substances in this material are included on or exempted from listing on the TSCA Inventory.

- FDA

not determined

American Conference of  
Governmental Industrial  
Hygienists - ACGIH

Ingredients not listed as carcinogens.

International Agency for Research  
on Cancer IARC

Ingredients not listed as carcinogens.

National Toxicology Program - NTP

not applicable

HAP-VOC

not applicable

Transport-regulations

DOT-Classification, ADR (2013); IMDG-Code (2013, 36. Amdt.); IATA-DGR (2013).

Other Right to Know Laws

### EC Regulations

1967/548 (1999/45); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (Reach); 1272/2008; 75/324/EEC (2008/47/EC); 453/2010/EC

### Labelling

The product does not require a hazard warning label in accordance with EC-directives.

Hazard symbols

none

R-phrases

none

S-phrases

none

Special labelling

none

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## SECTION 16: Other information

**Observe employment restrictions** no  
**for people**

### HMIS Ratings

<b>HEALTH</b>	<b>0</b>	0 - Minimal Hazard
<b>FLAMMABILITY</b>	<b>1</b>	1 - Slight Hazard
<b>REACTIVITY</b>	<b>0</b>	0 - Minimal Hazard
<b>PERSONAL PROTECTION</b>	<b>A</b>	A - Safety Glasses

### NFPA Ratings

<b>1</b>
<b>0 0</b>
not

**Modified position** none