

# FAG Arcanol MULTI3-E25B

## Safety Data Sheet (New Zealand)

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

**FAG Arcanol MULTI3-E25B**

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

##### 1.2.1 Relevant uses

Grease

##### 1.2.2 Uses advised against

None known.

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

##### Company

Mr. Mark Ciechanowicz  
49 Frenchs Forest Road, Level 1, Building 8,  
2086 Frenchs Forest / AUSTRALIA  
Phone +612 8977 1058  
Fax +612 9452 4242  
E-mail Mark.Ciechanowicz@schaeffler.com

##### Address enquiries to

##### Technical information

Mark.Ciechanowicz@schaeffler.com

##### Safety Data Sheet

sdb@chemiebuero.de

#### 1.4 Emergency telephone number

##### Advisory body

+49 (0)89-19240 (24h) (English)

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### SECTION 2: Hazards identification

**Approval** This product has been approved under the Hazardous Substances and New Organisms Act (HSNO, Approval HSR002606, Lubricants, Lubricant Additives, Coolants and Anti-freeze Agents (Subsidiary Hazard) Group Standard 2006), and is classified as follows:

#### Classes / Hazard Statements

**Hazard pictograms** none

#### Other Classifications

There are no other Classifications that are known to apply.

**Precautionary statements** none

### SECTION 3: Composition / Information on ingredients

#### Product-type:

The product is a mixture.

**Comment on component parts** No dangerous components.  
Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

**General information** Change soaked clothing.

**Inhalation** Ensure supply of fresh air.  
In the event of symptoms seek medical treatment.

**Skin contact** When in contact with the skin, clean with soap and water.  
Consult a doctor if skin irritation persists.

**Eye contact** 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.

**Ingestion** Seek medical advice immediately.  
Do not induce vomiting.

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

Headache

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

If swallowed or in the event of vomiting, risk of product entering the lungs.

Forward this sheet to the doctor.

## SECTION 5: Fire-fighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing

Foam.  
Dry powder.  
Water spray jet.  
Carbon dioxide.

#### Extinguishing media that must not be used

Full water jet.

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

Risk of formation of toxic pyrolysis products.

Nitrogen oxides (NO<sub>x</sub>).

Sulphur oxides (SO<sub>x</sub>).

Not combusted hydrocarbons.

### 5.3 Advice for firefighters

Use self-contained breathing apparatus.

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

## SECTION 6: Accidental release measures

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

High risk of slipping due to leakage/spillage of product.

Forms slippery surfaces with water.

### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

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

Take up with absorbent material (e.g. sand).

Dispose of absorbed material in accordance within the regulations.

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### 6.4 Reference to other sections

See SECTION 8+13

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Use only in well-ventilated areas.  
No special measures necessary if used correctly.

Wash hands before breaks and after work.  
Use barrier skin cream.  
Do not eat, drink or smoke when using this product.

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

Keep only in original container.  
Prevent penetration into the ground.  
Do not store together with food and animal food/diet.  
Keep container tightly closed.  
Keep away from frost.  
Protect from sun.

### 7.3 Specific end use(s)

See product use, SECTION 1.2

## SECTION 8: Exposure controls / personal protection

### 8.1 Control parameters

Ingredients with  
occupational exposure  
limits to be monitored (NZ)

not applicable

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### 8.2 Exposure controls

<b>Additional advice on system design</b>	<p>Ensure adequate ventilation on workstation.</p> <p>General exposure limit for oil mist should be noted.</p> <p>Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances.</p>
<b>Eye protection</b>	<p>If there is a risk of splashing:</p> <p>Safety glasses. (EN 166:2001)</p>
<b>Hand protection</b>	<p>The details concerned are recommendations. Please contact the glove supplier for further information.</p> <p>In full contact:</p> <p>&gt; 0,4mm: Nitrile rubber, &gt;480 min (EN 374-1/-2/-3).</p>
<b>Skin protection</b>	light protective clothing
<b>Other</b>	<p>Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.</p> <p>Avoid contact with eyes and skin.</p>
<b>Respiratory protection</b>	not applicable
<b>Thermal hazards</b>	none
<b>Delimitation and monitoring of the environmental exposition</b>	Comply with applicable environmental regulations limiting discharge to air, water and soil.

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### SECTION 9: Physical and chemical properties

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

<b>Form</b>	pasty
<b>Color</b>	various
<b>Odor</b>	characteristic
<b>Odour threshold</b>	No information available.
<b>pH-value</b>	not applicable
<b>pH-value [1%]</b>	not applicable
<b>Boiling point [°C]</b>	>250 (1013 mbar)
<b>Flash point [°C]</b>	> 200
<b>Flammability (solid, gas) [°C]</b>	No information available.
<b>Lower explosion limit</b>	not applicable
<b>Upper explosion limit</b>	not applicable
<b>Oxidising properties</b>	no
<b>Vapour pressure/gas pressure [kPa]</b>	No information available.
<b>Density [g/ml]</b>	No information available.
<b>Bulk density [kg/m³]</b>	not applicable
<b>Solubility in water</b>	insoluble
<b>Partition coefficient [n-octanol/water]</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Relative vapour density determined in air</b>	not applicable
<b>Evaporation speed</b>	not applicable
<b>Melting point [°C]</b>	>185 (1013 mbar)
<b>Autoignition temperature [°C]</b>	not applicable
<b>Decomposition temperature [°C]</b>	No information available.

#### 9.2 Other information

none

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

No dangerous reactions known if used as directed.

#### 10.2 Chemical stability

The product is stable under standard conditions.

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### 10.3 Possibility of hazardous reactions

Reactions with oxidizing agents.

### 10.4 Conditions to avoid

See SECTION 7.2.

### 10.5 Incompatible materials

Strong oxidizing agent.

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

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### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

##### Acute toxicity

Product	
inhalative, Based on the available information, the classification criteria are not fulfilled.:	
dermal, Based on the available information, the classification criteria are not fulfilled.:	
oral, Based on the available information, the classification criteria are not fulfilled.:	

##### Serious eye damage/irritation

Slight irritant effect.  
Based on the available information, the classification criteria are not fulfilled.

##### Skin corrosion/irritation

Based on the available information, the classification criteria are not fulfilled.

##### Respiratory or skin sensitisation

Based on the available information, the classification criteria are not fulfilled.

##### Specific target organ toxicity — single exposure

Based on the available information, the classification criteria are not fulfilled.

##### Specific target organ toxicity — repeated exposure

Based on the available information, the classification criteria are not fulfilled.

##### Mutagenicity

Based on the available information, the classification criteria are not fulfilled.

##### Reproduction toxicity

Based on the available information, the classification criteria are not fulfilled.

##### Carcinogenicity

Based on the available information, the classification criteria are not fulfilled.

##### Aspiration hazard

Based on the available information, the classification criteria are not fulfilled.

##### General remarks

Toxicological data of complete product are not available.



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### SECTION 12: Ecological information

#### 12.1 Toxicity

Product
Based on the available information, the classification criteria are not fulfilled.:

#### 12.2 Persistence and degradability

**Behaviour in environment compartments** not determined

**Behaviour in sewage plant** not determined

**Biological degradability** not determined

#### 12.3 Bioaccumulative potential

No information available.

#### 12.4 Mobility in soil

No information available.

#### 12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

#### 12.6 Other adverse effects

Do not discharge product unmonitored into the environment or into the drainage.

### SECTION 13: Disposal considerations

<b>Restrictions</b>	There are no product-specific restrictions. However, state and local disposal regulations may apply.
<b>Disposal method</b>	Disposal of this product must comply with the requirements of state and local disposal regulations.
<b>Contaminated packaging</b>	Rinse containers with water before disposal. Preferably re-cycle container, otherwise send to landfill or similar.

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### SECTION 14: Transport information

#### 14.1 UN number

**Transport by land according to ADR/RID** not applicable

**Inland navigation (ADN)** not applicable

**Marine transport in accordance with IMDG** not applicable

**Air transport in accordance with IATA** not applicable

#### 14.2 UN proper shipping name

**Transport by land according to ADR/RID** NO DANGEROUS GOODS

**Inland navigation (ADN)** NO DANGEROUS GOODS

**Marine transport in accordance with IMDG** NOT CLASSIFIED AS "DANGEROUS GOODS"

**Air transport in accordance with IATA** NOT CLASSIFIED AS "DANGEROUS GOODS"

#### 14.3 Transport hazard class(es)

**Transport by land according to ADR/RID** not applicable

**Inland navigation (ADN)** not applicable

**Marine transport in accordance with IMDG** not applicable

**Air transport in accordance with IATA** not applicable

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### 14.4 Packing group

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

### 14.5 Environmental hazards

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

### 14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

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

not applicable

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### SECTION 15: Regulatory information

This product has been approved under the Hazardous Substances and New Organisms Act (HSNO, Approval HSR002606, Lubricants, Lubricant Additives, Coolants and Anti-freeze Agents (Subsidiary Hazard) Group Standard 2006), and is classified as follows:

#### Specific Workplace Controls (as per HSNO approval referenced to Controls Matrix)

Key workplace requirements are:

**MSDS** The content and format of this Safety-Data-Sheet is in accordance with HSNO Approved Code of Practice.

**Labelling** No information available.

**Emergency plan** No information available.

**Approved handler** No information available.

**Tracking** No information available.

**Bunding & secondary containment** No information available.

**Signage** No information available.

**Location test certificate** No information available.

**Flammable zone** No information available.

**Fire extinguisher** No information available.

**Note:** The above workplace requirements apply if only this particular substance is present. The complete set of controls for a location will depend on the classification and total quantities of other substances present in that location.

**Other Legislation** In New Zealand, the use of this product may come under the Resource Management Act and Regulations, the Health, Safety in Employment Act and Regulations, local Council Rules and Regional Council Plans.

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### SECTION 16: Other information

#### 16.1 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route  
 RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses  
 ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure  
 CAS = Chemical Abstracts Service  
 CLP = Classification, Labelling and Packaging  
 DMEL = Derived Minimum Effect Level  
 DNEL = Derived No Effect Level  
 EC50 = Median effective concentration  
 ECB = European Chemicals Bureau  
 EEC = European Economic Community  
 EINECS = European Inventory of Existing Commercial Chemical Substances  
 ELINCS = European List of Notified Chemical Substances  
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
 IATA = International Air Transport Association  
 IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk  
 IC50 = Inhibition concentration, 50%  
 IMDG = International Maritime Code for Dangerous Goods  
 IUCLID = International Uniform Chemical Information Database  
 LC50 = Lethal concentration, 50%  
 LD50 = Median lethal dose  
 MARPOL = International Convention for the Prevention of Marine Pollution from Ships  
 PBT = Persistent, Bioaccumulative and Toxic substance  
 PNEC = Predicted No-Effect Concentration  
 REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals  
 TLV®/TWA = Threshold limit value – time-weighted average  
 TLV®STEL = Threshold limit value – short-time exposure limit  
 VOC = Volatile Organic Compounds  
 vPvB = very Persistent and very Bioaccumulative

#### 16.2 Other information

##### Classification procedure

Modified position none