

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

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SECTION 1: Identification of the substance/mixture and of the company/undertakin

FAG Arcanol MULTI3 Product identifier

Relevant identified uses of the

substance or mixture and uses

advised against

Company

Lubricant

Schaeffler Technologies GmbH & Co. KG

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

Technical information wolzwlf@schaeffler.com sdb@chemiebuero.de **Safety Data Sheet**

SECTION 2: Hazards identification

Emergency Overview

Appearance, Odor: pasty, light brown, characteristic

OSHA Regulatory Status This product is classified as non-hazardous in accordance to OSHA

Standard 29 CFR 1910.1200.

Potential health effects Frequent persistent contact with the skin can cause skin irritation.

Potential environmental effects Does not contain any PBT or vPvB substances.

SECTION 3: Composition / Information on ingredients

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

Description of first aid measures Change soaked clothing.

Inhalation Ensure supply of fresh air.

In the event of symptoms seek for medical treatment.

Skin contact When in contact with the skin, clean with soap and water.

Consult a doctor if skin irritation persists.

Rinse cautiously with water for several minutes. Remove contact Eye 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.

Indication of any immediate medical attention and special

treatment needed

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 Full water jet.

be used

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

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

Forms slippery surfaces with water.

procedures **Environmental precautions**

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

Methods and material for

Take up mechanically.

containment and cleaning up

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

Requirements for storage rooms

and vessels

Use only in well-ventilated areas. Keep only in original container.

Do not store together with food.

Advice on storage compatibility

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

Additional advice on system

design

Ensure adequate ventilation on workstation.

Ingredients with occupational exposure limits to be monitored

(US)

not applicable

Respiratory protection not applicable

Hand protection The details concerned are recommendations. Please contact the

glove supplier for further information.

In full contact:

Nitrile rubber, >120 min (EN 374).

Eye protection Safety glasses. Skin protection not applicable

General protective measures 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.

Wash hands before breaks and after work. Hygiene measures

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.

Delimitation and monitoring of the See SECTION 6+7.

environmental exposition



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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
not determined

octanol/water]

NLGI 3

Viscosity

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
Specific target organ toxicity — not determined
single exposure

Specific target organ toxicity —

repeated exposure

not determined

Mutagenicitynot determinedReproduction toxicitynot determinedCarcinogenicitynot determined

General remarksNo 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 not determined

compartments

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

Product In according to RoHS!

Disposal in an incineration plant in accordance with the regulations of

the local authorities.

For recycling, consult manufacturer.

Contaminated packaging 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.

RCRA Hazard Class (40CFR 261) 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

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"

DOT Road Shipment Information

(49 CFR)

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 Ingredients not listed as carcinogens.

on Cancer IARC

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

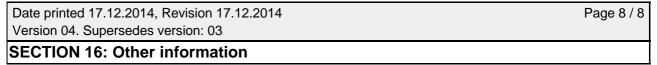
Labelling The product does not require a hazard warning label in accordance

with EC-directives.

Hazard symbols none R-phrases none S-phrases none Special labelling none

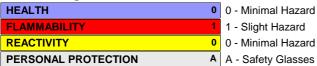


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Observe employment restrictions no for people

HMIS Ratings



NFPA Ratings



Modified position none