

Safety Data Sheet (91/155/EEC)

Material: 60029547 OE1 AK 5 900KG IBC PE 2" SCH. O.ZUL.KL

Version: 1.2 (REG_EUROPE) Date of print: 21.02.03 Date of last alteration: 06.09.2002

1 Identification of the substance/preparation and company**1.1 Name of substance/preparation**

Commercial product name: OE1 AK 5 900KG IBC PE 2" SCH. O.ZUL.KL

1.2 Use of substance / preparation:Industrial.
Intermediate chemical**1.3 Company name**Manufacturer/distributor: Wacker-Chemie GmbH
Street/POB-No.: Hanns-Seidel-Platz 4
State/postal code/city: D 81737 München
Telephone: +4989627901
Telefax: +498677832356

	Telefax	Telephone
Information (Dept. WL-CP):	+49/8677/83-5590	+49/(0) 8677/83-4888

1.4 Emergency telephone number

		Emergency Number
Emergency Information (german):	Works Fire Brigade	+49/(0) 8677/83-2222
Emergency Information (internat.):	National Response Center	+49/(0) 621/60-43333

2 Composition/information on ingredients**2.1 Chemical characterization (substance):**

Chemical characteristics
Polydimethylsiloxane

3 Hazards identification**3.1 Classification:**

R-Phrase	Description
R-	-

4 First-aid measures**4.1 General information:**

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4.2 After inhalation:

No special measures required.

4.3 After contact with the skin:

Wipe off with cloth or paper. Wash with plenty of water or water and soap.

4.4 After contact with the eyes:

Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.

4.5 After swallowing:

No special measures required. In cases of sickness seek medical advice (show label if possible).

5 Fire-fighting measures**5.0 General information:**

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5.1 Suitable extinguishing media:

water mist , extinguishing powder , alcohol-resistant foam , carbon dioxide , sand .

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- 5.2 **Extinguishing media which must not be used for safety reasons:**
water spray jet , water jet .
- 5.3 **Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:**
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- 5.4 **Special protective equipment for fire fighting:**
Use respiratory protection independent of recirculated air.

6 Accidental release measures

- 6.1 **Personal precautions:**
If material is released indicate risk of slipping.
- 6.2 **Environmental precautions:**
Do not introduce into waters, sewage water or soil. Dam in any fluid that runs out using suitable material (e.g. earth).
- 6.3 **Methods for cleaning up:**
Take up mechanically and dispose of according to local/state/federal regulations. In the case of small amounts: Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations. Contain larger amounts and pump up into suitable containers. Clean any slippery coating that remains using a cold cleaner (e.g. water surfactant blend).

7 Handling and storage

- 7.0 **General information:**
No special protective measures required.
- 7.1 **Handling**
Precautions for safe handling:
Spilled substance increases risk of slipping.
Precautions against fire and explosion:
Observe the general rules for fire prevention.
- 7.2 **Storage**
Conditions for storage rooms and vessels:
none known
Advice for storage of incompatible materials:
not applicable
Further information for storage:
Keep container tightly closed.

8 Exposure controls and personal protection equipment

- 8.1 **Exposure limits**
- 8.2 **Exposure limited and controlled**
- 8.2.1 **Exposure in the work place limited and controlled**
General protection and hygiene measures:
Observe standard industrial hygiene practices for the handling of chemical substances. Do not eat or drink when handling.
Personal protection equipment
Respiratory protection:
not required .
Hand protection:
not required .

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Eye protection:

Recommendation: protective goggles .

8.2.2 Exposure to the environment limited and controlled:

9 Physical and chemical properties

9.1 General information

Physical state / form.....: liquid
 Colour.....: colourless
 Odour.....: odourless

9.2 Important information about the protection of health, safety and the environment

**Method
(67/548/EEC):**

Melting point / melting range.....: -65 °C	
Boiling point / boiling range.....: > 200 °C at 0,6 hPa	
Flash point.....: 118 °C	(ISO 2592)
Autoignition temperature.....: approx. 450 °C	(DIN 51794)
Lower explosion limit (LEL).....: not applicable	
Upper explosion limit (UEL).....: not applicable	
Density.....: 0,93 g/cm ³ at 25 °C	(-)
Water solubility / miscibility.....: virtually insoluble	
pH-Value.....: approx. 7	(-)
Viscosity (dynamic).....: 5 mPa*s at 25 °C	(-)

9.3 Other information

Thermal decomposition.....: Decomposition begins at > 250 °C

10 Stability and reactivity

10.0 General information:

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

10.1 Conditions to avoid:

none known

10.2 Materials to avoid:

none known

10.3 Hazardous decomposition products:

If stored and handled in accordance with standard industrial practices and local regulations where applicable: none known . Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

11 Toxicological information

11.0 General information:

The toxicology results listed below are based on tests with a similar material. According to present experience, the material is physiologically compatible. According to present experience, the material is neither mutagenic, cancerogenic nor teratogenic.

11.1 Toxicological tests

Acute toxicity (LD50/LC50-values relevant to classification):

Exposition	Value/value range	Species	Source
oral	> 5000 mg/kg	rat	literature
dermal	> 2008 mg/kg	rat (Limit Test)	test report

Primary irritation:

Exposition	Effect	Species/Testsystem	Source
to skin	not irritating	rabbit	test report
to eyes	mildly irritating	rabbit	test report

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Sensitization:

Exposition	Effect	Test method	Species	Source
to skin	not sensitizing	Magnusson-Kligmann	guinea-pig	test report

Reference points for mutagenic (carcinogenic) potential:

Test system	Effect	Source
Bacterial Reverse Mutation Test	not mutagenic	test report

11.2 Experience with man:

Human patch test: Product displays good compatibility with the skin.

12 Ecological information**12.1 Ecotoxicity**

According to past experience toxicity to fish is improbable.

Effects in sewage treatment plants (bacteria toxicity: respiration-/reproduction inhibition):

According to present experience, no adverse effects on water purification plants.

12.2 Mobility

Generates no stable films on surface of water, is absorbed by floating particles. Separation by sedimentation.

12.3 Persistence and degradability**Biodegradation / further information:**

Biologically not degradable. Polydimethylsiloxanes are degradable to a certain extent in abiotic processes.

12.4 Bio-accumulation potential**Further information:**

Bioaccumulation improbable.

12.5 Other harmful effects

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12.6 Further ecological information**General information:**

No environmental problems expected if handled and treated in accordance with standard industrial practices and local regulations where applicable.

13 Disposal considerations**13.1 Material****Recommendation:**

Dispose of according to regulations by incineration in a special waste incinerator. Observe local/state/federal regulations.

13.2 Uncleaned packaging**Recommendation:**

Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations.

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14 Transport information**14.1 Land transport GGVSE/ADR and RID****Road ADR:**

Valuation.....: Not Regulated

Railway RID:

Valuation.....: Not Regulated

14.2 Inland navigation GGVBinsch/ADNR**14.3 Transport by sea GGVSee/IMDG-Code**

Valuation.....: Not Regulated

14.4 Air transport ICAO-TI/IATA-DGR

Valuation.....: Not Regulated

14.5 Transport/further information**Postal and courier service:**

German postal dispatch.....: permitted

Informing dept. ref. to heading 14. Transport information:

Department MW-G (Gefahrgut-Service), Telefax: +49/(0) 8677/83-5589, Telephone: +49/(0) 8677/83-4950

15 Regulatory information**15.1 Warning Label (EU)**

R-Phrase	Description
R-	-

S-Phrase	Description
S-	-

15.2 National regulations:**16 Other information****16.1 Material**

The above information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. Properties of the product are to be found in the respective product leaflet.

16.2 Further information:

Commas appearing in numerical data denote a decimal point.

n.a. = not applicable	n.s. = not subject to
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WACKER**SILICONES****Safety Data Sheet (91/155/EEC)**

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Details of international registration status

Listed on the following inventories:

EINECS

ENCS

PICCS

ECL

DSL

TSCA

AICS