

**Safety Data Sheet (91/155/EEC)****WACKER® STABILIZER 43**

Version: 1.5 (GB)      Date of print: 03.10.03      Date of last alteration: 31.07.2002

**NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA****1 Identification of the substance/preparation and company****1.1 Name of substance/preparation****Commercial product name:** WACKER® STABILISER 43**1.2 Use of substance / preparation:**Industrial.  
Additive for: Elastomer products .**1.3 Company name****Manufacturer:** Wacker-Chemie GmbH  
**Street/POB-No.:** Hanns-Seidel-Platz 4  
**State/postal code/city:** D 81737 Munchen  
**Telephone:** +4989627901  
**Telefax:** +498677832356**Distributor:** Wacker Chemicals Australia Pty Ltd  
**Street/POB-No.:** Unit 18/20 Duerdin Street  
**State/postal code/city:** Clayton North Vic 3168  
**Telephone:** +61 3 9541 8900  
**Telefax:** +61 3 9541 8989**1.4 Emergency telephone number****Emergency Information**      Regulatory Compliance      +61 3 9541 8900  
Manager  
**Emergency Information**      ADT Security -      +61 3 9808 7363  
Wacker Chemicals Spills      (24 hours)**2 Composition/information on ingredients****2.1 Chemical characterization (substance):****Chemical characteristics**  
Polymer based on propylene oxide and ethylene oxide**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:**

Wash immediately with plenty of water.

**4.4 After contact with the eyes:**

Rinse immediately with plenty of water.

**4.5 After swallowing:**

Seek medical advice and clearly identify substance.

**Safety Data Sheet (91/155/EEC)**

WACKER® STABILIZER 43

Version: 1.5 (GB)

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Date of last alteration: 31.07.2002

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

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**5.1 Suitable extinguishing media:**

water mist , extinguishing powder , foam , carbon dioxide .

**5.2 Extinguishing media which must not be used for safety reasons:**

none known

**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:**

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**6 Accidental release measures****6.1 Personal precautions:**

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**6.2 Environmental precautions:**

Do not introduce into sewerage or in waters. Observe local/state/federal regulations.

**6.3 Methods for cleaning up:**

Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations. Clean up with plenty of water.

**7 Handling and storage****7.1 Handling****Precautions for safe handling:**

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**Precautions against fire and explosion:**

Take precautionary measures against electrostatic charging.

**7.2 Storage****Conditions for storage rooms and vessels:**

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**Advice for storage of incompatible materials:**

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**Further information for storage:**

Do not store in open air. Keep container dry and tightly closed.

**8 Exposure controls and personal protection equipment****8.1 Exposure limits**

Threshold limit values (TLV): not applicable

**8.2 Exposure limited and controlled****8.2.1 Exposure in the work place limited and controlled****General protection and hygiene measures:**

Avoid contact with eyes and skin. Wash hands at the end of work and before eating.

**Personal protection equipment****Respiratory protection:**

not required .

**Safety Data Sheet (91/155/EEC)****WACKER® STABILIZER 43**

Version: 1.5 (GB)

Date of print: 03.10.03

Date of last alteration: 31.07.2002

**Hand protection:**

rubber gloves .

**Eye protection:**

protective goggles .

**8.2.2 Exposure to the environment limited and controlled:**

Do not introduce into waters and into soil.

**8.3 Further information for system design and engineering measures:**

Observe information in section 7.

**9 Physical and chemical properties****9.1 General information**

Physical state / form.....: liquid

Colour.....: colourless - yellowish

Odour.....: slight

**9.2 Important information about the protection of health, safety and the environment****Method****(67/548/EEC):**

(ISO 2592)

Flash point.....: &gt; 250 °C

Lower explosion limit (LEL).....: not applicable

Upper explosion limit (UEL).....: not applicable

Density.....: approx. 1,03 g/cm<sup>3</sup> at 50 °C

(DIN 51757)

Water solubility / miscibility.....: 100 g/l at 20 °C

pH-Value.....: 6 - 8 at 20 °C (10 g/l H<sub>2</sub>O)

Viscosity (dynamic).....: approx. 200 mPa\*s at 50 °C

(DIN 53015)

**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 .

**11 Toxicological information****11.0 General information:**

According to our present state of knowledge no damaging effect expected when treated in accordance with standard industrial practices and local regulations where applicable.

**11.1 Toxicological tests****Acute toxicity (LD50/LC50-values relevant to classification):**

Exposition	Value/value range	Species	Source
oral	> 2000 mg/kg	rat	literature

**Safety Data Sheet (91/155/EEC)****WACKER® STABILIZER 43**

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**Primary irritation:**

Exposition	Effect	Species/Testsystem	Source
to skin	not irritating	rabbit	literature
to eyes	not irritating	rabbit	literature

**Further information:**

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**12 Ecological information****12.1 Ecotoxicity**

Species	Test method	Exp. Time	Result	Source
guppy (Poecilia reticulata)	acute	24 h	> 500 mg/l (LC0)	literature

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

Do not introduce large amounts into purification plants.

**Further information:**

Bacterial toxicity: EC50 &gt; 100 mg/l .

**12.2 Mobility**

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**12.3 Persistence and degradability****Biodegradation:**

Method	Degree of elimination	Classification	Source
Modified Zahn-Wellens Test	< 70 %, in 28 day(s)		literature

**Biodegradation / further information:**

Product potentially degradable.

**Further information:**

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

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**12.5 Other harmful effects**

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**12.6 Further ecological information****COD-Value:** 1850 mg O<sub>2</sub>/g Substance (literature)**General information:**

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

Dispose of according to regulations by incineration in a special waste incinerator. Small quantities may be disposed of in a domestic 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

Marine Pollutant.....: no

**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:**

SI 1999/3232:	CHIP Regulations 1999
SI 1999/437:	COSHH Regulations 1999
SI 1999/3242:	Management of Health & Safety at Work Regulations 1999
Health & Safety at Work Act 1974	
SI 1993/1643:	Environmental Protection Act 1993 & Subsidiary Regulations.
Other national and local measures relating to the workplace, pollution control, environmental protection and waste control.	

**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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**Details of international registration status  
Listed on the following inventories:**

IECSC  
EINECS  
ENCS  
PICCS  
ECL  
TSCA  
DSL  
AICS