

Document No.: S0250
Preparation date: 05/2007

Edition: 1.4
Page: 1 of 5

Print date: 2007-10-25

Commercial Name:

Silicon Oils V (Viscosity)
V 10, V 100, V 130, V 250, V 350, V 500, V 1000,
V 5000, V 30000, V 140000, V 300000, V 500000

1. Substance / Preparation and Company Name

- 1.1 Substance: Synthetic oil
- 1.2 Company: Dr. Tillwich GmbH Phone: +49-7451-5386-0
Werner Stehr Fax: +49-7451-5386-70
Murber Steige 26 E-Mail: info@tillwich-stehr.com
D-72160 Horb
Germany
- 1.3 Emergency Call: +49-7451-5386-20 8.00 am until 5.00 pm UTC + 1h
+49-7451-3766 5.00 pm until 8.00 am UTC + 1h

2. Composition / Components

- 2.1 Substance: Preparation:
- 2.2 CAS No.:
- 2.3 Chemical Characterization: Polysiloxan with additives.
- 2.4 Contains: Different additives, no dangerous components.

Classification according to the material guideline RL 67/548/EG, preparing guideline RL 1999/45/EG, restriction guideline RL 76/769/EG and national german right ChemG, GefstoffV., TRGS, latest version.

All components are listed in the EINECS.

3. Possibilities of Risk

- 3.1 Physical and chemical dangers: Not classified as a dangerous product.
- 3.2 Health dangers: Not classified as a dangerous product.
- 3.3 Gefahren für die Umwelt: Not classified as a dangerous product.

4. Precautions for First Aid

- 4.1 Contact with Skin: No special precautions necessary. After work wash hands with water and soap.
- 4.2 Contact with Eyes: In case of contact with eyes, rinse immediately with plenty of water.
If irritations occur seek medical advice.
- 4.3 Inhalation: Not applicable.
- 4.4 Ingestion: No special precautions necessary.
- 4.5 Other Information:

5. Fire Fighting Procedures

- 5.1 Suitable Extinguisher: CO₂ – foam or powder, water spray, alcohol resitant foam.
- 5.2 Unsuitable Extinguisher:

Document No.: S0250
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Page: 2 of 5

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5.3 Special Dangers:
Do not empty contaminated water into drains, ground, lakes or rivers.
Remove contaminated water and soil according to local regulations.

5.4 Special Protection Equipment:
Wear respiratory equipment.

6. Precautions for Uncontrolled Release

6.1 Personal Precautions:
No special precautions necessary.

6.2 Environmental Protection:
Do not empty the product into drains, ground or water.

6.3 Spill Response:
Cover with inorganic absorbent material. The material must be disposed of as hazardous waste.

6.4 Other Information:

7. Handling and Storage

7.1 Handling Information:
No special precautions necessary.

7.2 Storage Information:
Keep only in the original container and at room temperature.

7.3 Demands upon Storage Place:
Store above collecting dishes.

7.4 Storage with other Materials:
Avoid contact with oxidizing agent. Keep away from inflammable materials and fluids.

7.5 Other Information:

8. Precautionary Information

8.1 Technical Precautions:
No special precautions necessary.

8.2 Limiting Values:
8.2.1 AGW: not determinated (threshold limit value)
8.2.2 BGW: not determinated (biological threshold limit value)

8.3 Personal Precautions:
8.3.1 Breath Protection: Not necessary at room temperature.
8.3.2 Skin Protection: Not necessary.
8.3.3 Eye Protection: Wear eye / face protection, if product may be splashed.
8.3.4 Body Protection: Wear suitable protective clothing.

8.4 Other Information: Protective measures for chemicals must be noted.

Document No.: S0250
Preparation date: 05/2007

Edition: 1.4
Page: 4 of 5

Print date: 2007-10-25

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10. Stability and Reactivity Data

- 10.1 Thermal Decomposition:
Above 250° C (482° F) decomposition products may be set free.
Above 150° C (302° F) small amounts of products like formaldehyde may be created.
- 10.2 Conditions to Avoid:
Keep away from heat and sources of ignition.
- 10.3 Materials to Avoid:
Reactions with oxidizing agent are possible.
- 10.4 Hazardous Decomposition Products:
Formaldehyde.
- 10.5 Dangerous Reactions:
If the product is stored according to this instructions, no dangerous reactions are to be expected.
- 10.6 Other Information:

11. Health Information

- 11.1 Oral Toxicity (LD₅₀): > 5000 mg/kg (species: rat).
- 11.2 Skin Irritation: No irritation (species: rabbit).
- 11.3 Skin Sensitization: No skin sensitization (species: guinea-pig, Magnusson-Kligman-Test).
- 11.4 Eye Irritation: Lightly irritant (species: rabbit).
- 11.5 Inhalation: Not applicable.
- 11.6 Ingestion: No data available.
- 11.7 Other Information:
This product is not carcinogenic, not mutagenic and not teratogen.
The evaluation is based on the results of the individual components.

12. Environmental Information

- 12.1 Acute Toxicity to Fish: No fish toxicity are to be expected.
- 12.2 Biodegradability: No decomposition.
- 12.3 Water Endangering Grade: WGK 1 (weak endanger)
- 12.4 Other Information:
Endangering of drinking water if the product contaminates soil or water. On water surface thin oil-layer will be formed. Adsorption to Suspension particle. Bioaccumulation unlikely.

13. Waste Disposal Information

- 13.1 Product:
EWC - Code: (European waste category list): 13 02 06*.
Synthetic machines -, transmission and lubricating oils

Document No.: S0250
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Page: 5 of 5

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13.2 Package:
EWC - Code: (European waste category list): 15 01 10*.
Contaminated package

13.4 Other Information:

14. Transport Information

14.1 General Information:

U.N. No.:
Packing group:

14.2 Regulations for Transport by Truck or Train: ADR / GGVSE
Classification: not classified

14.3 International Regulations for Transport by Ship: IMDG / IMO
Classification: not classified

14.4 National Regulations for Transport by Ship: GGVSee
Classification: not classified

14.4 International Regulations for Transport by Plane: ICAO und IATA-DGR
Classification: not classified

14.6 Other Information:
This product is not a dangerous good.

15. Regulations

15.1 Specification according to directions of the EU:
Silicon Oil V is a preparation and does not need to be classified as a dangerous product.

R-sentences: none
S-sentences: none

15.2 National German Regulations:

TRBF:	not applicable	(Regulations for inflammable products)
TRGS	not applicable	(Regulations for hazardous products)
TA-Luft	not applicable	(Technical Instructions for Air Quality Control)

16. Additional Information

Modification:
Position 3 „Possibilities of Risk“:
Data for the classification of the preparation according to RL 1999/45/EG.

The information on this Data Sheet represents our best knowledge. This information is for security reasons only and does not contain any characteristic properties guaranteed for a special application. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other products or processes is the responsibility of the user.