

Document No.: S0253  
Preparation date: 06/2006

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Commercial Name: **Plastic Oils K 4563 / Viscosity  
/ 100 / 300 / 600 / 1000 / 2400 / 4000**  
Article-No.: TS3010, TS 3101, TS3104, TS3200, TS3402, TS3500

### 1. Substance / Preparation and Company Name

- 1.1 Substance: Synthetic oil
- 1.2 Company: Dr. Tillwich GmbH Phone: +49-7451-5386-0  
Werner Stehr  
Murber Steige 26 Fax: +49-7451-5386-70  
D-72160 Horb E-Mail: info@tillwich-stehr.com  
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: Frigopolysiloxane-alcohol with additives.
- 2.4 Contains: Different additives, separate components < 1 %, 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 Dangers for the environment: 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: CO<sub>2</sub> – foam or powder, water spray, alcohol resitant foam.
- 5.2 Unsuitable Extinguisher: Jet of water.

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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.

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## 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:

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## 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:

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## 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.

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### 11. Health Information

- 11.1 Oral Toxicity (LD<sub>50</sub>): > 5000 mg/kg (species: rat).  
11.2 Skin Irritation: No irritation known.  
11.3 Skin Sensitization: No skin sensitization known.  
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.
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### 12. Environmental Information

- 12.1 Acute Toxicity to Fish:  
Leuciscus idus LC0: 200 mg / l, test time: 96 hours.  
Pseudomonas putita: harmless at 1000 mg / l.  
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. Bioaccumulation unlikely.
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### 13. Waste Disposal Information

- 13.1 Product:  
EWC - Code: (European waste category list): 13 02 06\*.  
Synthetic machines -, transmission and lubricating oils  
13.2 Package:  
EWC - Code: (European waste category list): 15 01 10\*.  
Contaminated package  
13.4 Other Information:
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### 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

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- 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
- 14.5 International Regulations for Transport by Plane: ICAO und IATA-DGR  
Classification: not classified
- 14.6 Other Information:  
This product is not a dangerous good.
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## 15. Regulations

- 15.1 Specification according to directions of the EU:  
This product is a preparation and does not need to be classified as a dangerous product.
- S-sentences: none  
R-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) |
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## 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.