

Document No. S0315  
Preparation date: 07/2007

Edition: 1  
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Print date: 2007-07-31

Commercial Name:  
Article No.:

**Fluorstatic 70, Fluorstatic 300, Fluorstatic 1850**  
TS4500, TS4550, TS4560

## 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: Fluorinated synthetic oil.
- 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 Dangers for the environment: Not classified as a dangerous product.

## 4. Precautions for First Aid

- 4.1 Contact with Skin: After contact with skin, wash immediately with plenty of 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: If swallowed, do not induce vomiting: seek medical advice immediately and show this Data Sheet or the label.
- 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.
- 5.3 Special Dangers:  
Do not empty contaminated water into drains, ground, lakes or rivers.  
Remove contaminated water and soil according to local regulations.

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5.4 Special Protection Equipment:  
Wear respiratory equipment and full encapsulated suit.

## 6. Precautions for Uncontrolled Release

- 6.1 Personal Precautions:  
Avoid contact with eyes and skin.
- 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:  
Keep container tightly closed when not in use. When using this product do not eat, drink or smoke. Take precautions against static discharges.
- 7.2 Storage Information:  
Keep only in the original container and at room temperature. Keep away from heat and hot surfaces.
- 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 (threshold limit value): not determinated  
8.2.2 BGW (biological threshold limit value): not determinated
- 8.3 Personal Precautions:  
8.3.1 Breath Protection: Not necessary at room temperature.  
8.3.2 Skin Protection: After work wash hands with water and soap  
Preventive skin protection required - Use protective hand lotion or wear suitable gloves from oil resistant material.  
Avoid longer and intensive skin contact.
- Suitable gloves:  
Material: Nitrile rubber  
Category: III  
Thickness: 0,4 mm  
Permeation time: Level 6 (> 480 min.)



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- 10.4 Hazardous Decomposition Products:  
If thermal decomposition occurs products like Hydrogen fluoride (HF) may be created.
- 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 (LD<sub>50</sub>): No data available.
- 11.2 Skin Irritation: No irritation known.
- 11.3 Skin Sensitization: No data available.
- 11.4 Eye Irritation: No data available.
- 11.5 Inhalation: No data available.
- 11.6 Ingestion: No data available.
- 11.7 Other Information:  
The evaluation is based on the results of the individual components.

### 12. Environmental Information

- 12.1 Acute Toxicity to Fish: No data available.
- 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.

### 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:

### 14. Transport Information

- 14.1 General Information:  
U.N. No.:  
Packing group:

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

## 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.
- 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

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.