

## Safety data-sheet (91/155 EEC)

Printed 19.05.2006  
Revision 12.01.2005 (GB) Version 1.4  
Winog 70

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### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Name of product	Winog 70
Manufacturer/distributor	Tudapetrol KG Am Sandtorkai 64, D /-20457 Hamburg Phone 040-43218-0, Fax 040-43218-400 E-Mail daniela.heber@hansen-rosenthal.de
Advice	Abt. Produktsicherheit: Dipl. Ing. Daniela Heber Phone 040-78110820 Fax 040-78110844
Emergency advice	GIZ Nord Phone 0551-19240
Recommended intended purpose(s)	White oil - component

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization  
Medicinal white oil

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### 3. HAZARDS IDENTIFICATION

Special hazards information for humans and environment  
The product is not dangerous/is not a dangerous preparation and therefore free of labelling.

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### 4. FIRST AID MEASURES

General information  
Remove contaminated soaked clothing immediately.

In case of inhalation  
In the event of symptoms refer for medical treatment.

In case of skin contact  
In case of contact with skin wash off immediately with soap and water.  
Consult a doctor if skin irritation persists.

In case of eye contact  
In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

In case of ingestion  
Do not induce vomiting.  
Call for a doctor immediately.

Physician's information / possible dangers  
In case of swallowing or vomiting of the melted product there is danger of penetration into the lungs.

Treatment (Advice to doctor)  
Treat symptoms.

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### 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media  
Foam  
Dry powder  
Carbon dioxide  
sand  
Water spray jet  
water mist

Extinguishing media which must not be used for safety reasons  
Full water jet

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Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases  
Soot and other organic products.  
Nitrogen oxides (NOx)  
Carbon monoxide (CO)  
Sulphur dioxide (SO<sub>2</sub>)

Special protective equipment for fire-fighters  
Use breathing apparatus with independent air supply ( isolated ).

Additional information  
Cool endangered containers with water spray jet.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions

Use breathing apparatus if exposed to vapours/aerosol with filter Typ A2, A2/P2 or ABEK.  
Use personal protective clothing.

#### Environmental precautions

Do not discharge into the drains/surface waters/groundwater.  
Prevent spread over a wide area (e.g. by containment or oil barriers).  
Do not discharge into the subsoil/soil.

#### Methods for cleaning up

Danger of slipping in case of leaking product.  
Take up with absorbent material (e.g. oil binder).  
After taking up the material dispose according to regulation.

### 7. HANDLING AND STORAGE

#### Advice on safe handling

Avoid formation of oil dust.

#### Advice on protection against fire and explosion

Do not smoke.

#### Requirements for storage rooms and vessels

Only use containers that are approved specifically for the substance/product.

#### Advice on storage compatibility

Do not store together with oxidizing agents.

#### Further information on storage conditions

To be store under control of light and temperature conditions.

Storage group 10

Fire class B

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with occupational exposure limits to be monitored

CAS-No.	Name	Code	[mg/m <sup>3</sup> ]	[ml/m <sup>3</sup> ]	Remark
	oil mist	TWA	5		5 h

#### Additional advice

USA (ACGIH recommended) : TLV value for oil mist: 5 mg/m<sup>3</sup>.

#### Respiratory protection

Respiratory equipment in case of nebulosity or aerosol: Use a mask with a filter type A2, A2/P2 or ABEK.

#### Hand protection

Use safety gloves of following materials:: NBR (nitrile) / neopren / viton (permeationslevel 5 - 6), Cat. II according to norm EN 388

#### Eye protection

safety goggles with side protection, in case of increased risk add protective face shield

#### Skin protection

Oil-resistant and hardly inflammable protective clothing.

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### General protective measures

Do not inhale vapours.

Avoid contact with eyes and skin

It is recommended to use safety clothing, safety gloves and safety goggles/safe screen.

### Hygiene measures

Clean skin thoroughly after working.

Cloths contaminated with product should not be kept in trouser pockets.

At work do not eat, drink, smoke or take drugs.

Keep away from food and drink.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Colour	Odour
liquid	colourless, clear	mild

### Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
Changes in physical state gas	ca. -9 °C			DIN/ISO 3016	
Flash point	ca. 266 °C			DIN ISO 2592	
Lower explosion limit	ca. 0,45 Vol-%				
Upper explosion limit	ca. 4,5 Vol-%				
Vapour pressure	< 0,1 hPa	20 °C		calculated	
Density	ca. 0,867 g/ml	15 °C		DIN 51757	
Solubility in water					insoluble
Viscosity 1 kinematic	ca. 70 mm <sup>2</sup> /s	40 °C		DIN 51562	

### Additional information

Purity correspond Ph. Eur., latest Edition.

The data are subject to usual tolerances.

## 10. STABILITY AND REACTIVITY

### Conditions to avoid

No hazardous reactions known.

### Materials to avoid

Reactions with strong oxidising agents.

### Hazardous decomposition products

No hazardous decomposition products known.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
LD 50 acute oral	> 5000 mg/kg	rat		
LD 50 acute dermal	> 3000 mg/kg	rabbit		
Irritability skin	non-irritant			
Irritability eye	non-irritant			

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	Value/Validation	Species	Method	Remark
Sensitization skin	non-sensitising			
Sensitization respiratory system	non-sensitising			
Experiences made from practice Inhalation of thermic decomposition products such as vapour, mist or smoke can affect health. Frequent contact specially if dried out may cause skin and eye irritations.				
Additional information In case of appropriate handling and consideration of the usual precautions for th use of mineral oils no particular dangers are known for this product.				

**12. ECOLOGICAL INFORMATION**

Data on elimination (persistence and degradability)				
	Elimination rate	Method of analysis	Method	Validation
Physico-chemical degradability	The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.			
Biological degradability				not readily degradable
General regulation Do not discharge product unmonitored into the environment.				

**13. DISPOSAL CONSIDERATIONS**

Waste code No.	Name of waste
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

**Recommendations for the product**

The disposal code is just a recommendation. Contact your local experts to obtain information about use or disposal of the material involved.

The indication about disposal refers to the product and its residues. If the product is mixed with other materials or preparations an individual evaluation should be necessary.

**Recommendations for packaging**

Contaminated packaging should be emptied as far as possible and after appropriate cleaning may be taken for reuse.

**14. TRANSPORT INFORMATION**

Land and inland navigation transport ADR/RID

No hazardous material as defined by the prescriptions.

**! 15. REGULATORY INFORMATION****Remarks for classification**

The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.

**National regulations**

Decree for case of interference/  
 remarks

Accident regulation, appendix I: not specified

! German TA LUFT remarks  
 5.2.5. Organische Stoffe

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Water hazard class

1

KBwS-classification

Based on "Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS)" from  
27 Juli 2005

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**16. OTHER INFORMATION****Further information**

Above information corresponds to our present knowledge and experience. It is not a guarantee that no errors or incomplete data may be contained.

**Sources of key data used**

DGMK-Bericht 400-1 , 400-2 , 400-7 Concawe-Report " Health aspects of lubricants " 1/1983