

# Safety Data Sheet in accordance with 2001/58/EU



## 1. Identification of the substance/preparation and of the company/undertaking

### Identification of the substance or preparation:

VAICO transmission oil ATF Dexron III

Artikel-Nr: V60-0078, V60-0079, V60-0080, V60-0081, V60-0090

### Company/undertaking identification

VIEROL AG

Karlstraße 19

26123 O Idenburg

Germany

## 2. Composition/information on ingredients

### 2.1 Description:

Mixture of the substances specified below with non-hazardous admixtures

2.2 Chemical characterisation:	CAS number	Content	R phrases	S phrases
Distillates (mineral oil)	64742-65-0	65 – 79.99%	R53	
Lubricating oils (mineral oil)	72623-86-0	10 – 19.99%		
Methacrylate copolymer		1.29 – 2.59%	R36; Xi	

For the full text of the R phrases specified here, see section 16.

\* If available, the maximal workplace concentrations are specified in section 8.

## 3. Hazards identification

### 3.1 Hazards identification

The product is not classified in accordance with 1999/45/EU.

### 3.2 Special hazard information for man and the environment

Please at any rate observe the information given in the safety datasheet.

Emergency number: Giftnotruf Berlin (poison information), Phone: ++ 49 (0) 30-19240

## 4. First aid measures

### 4.1 Inhalation

Provide fresh air. Consult physician if respiratory tracts are irritated.

### 4.2 Skin contact

Change contaminated, soaked clothes. Thoroughly clean body (shower or bath).

### 4.3 Eye contact

Bathe the eye with running water with lids open for a sufficiently long time, then immediately see an eye doctor.

# Safety Data Sheet in accordance with 2001/58/EU



## 4.4 Ingestion

Do not induce vomiting. Immediately see a physician.  
If mouth is contaminated, thoroughly wash out mouth with water.

## 5. Fire-fighting measures

### 5.1 Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>); solid extinguishing agent; spray water; alcohol-resisting foam

### 5.2 Unsuitable extinguishing media

Full water jet

### 5.3 Unusual hazards in case of fire and/or explosion

The following may be generated in case of fire: carbon monoxide, sulphur oxides, phosphor oxides, hydrogen sulphide (H<sub>2</sub>S), nitrogen oxides (NO<sub>x</sub>), carbon dioxide (CO<sub>2</sub>)

### 5.4 Special fire fighting methods / protective equipment

In case of fire: Wear respiratory equipment

### 5.5 Additional information

Cool endangered containers with water jet. Collect contaminated water for fire-fighting separately; must not get into sewerage system. Dispose of fire residue and contaminated water for fire-fighting in accordance with local regulations.

## 6. Accidental release measures

### 6.1 Personal precautions

Special slip hazard originating from spilled product. Use breathing protection if vapours, mists or aerosols occur.

### 6.2 Environmental precautions

Prevent discharge into the sewerage system or waters.  
Prevent spreading over large surface (e.g. by dyking or oil barriers).

### 6.3 Clean-up procedures

Take up with liquid-binding materials (sand, diatomaceous earth, acid binder, universal binder).  
Thoroughly clean contaminated objects and surfaces taking account of the environmental protection regulations.

# Safety Data Sheet in accordance with 2001/58/EU



## 7. Handling and storage

### 7.1 Handling requirements

It is recommended to design all processing procedure in such a way that the following are ruled out: aerosol formation, inhalation, skin contact, eye contact.

### 7.2 Storage conditions

Store in original container.

### 7.3 Requirements on storage rooms and containers

Store in original containers, roofed-over and away from sources of heat.

### 7.4 Information about combined storage

Do not store together with oxidising agents. Keep away from food, beverages and animal feed.

### 7.5 Storage class

LGK10 = combustible liquids, where not LGK 3A or 3B

## 8. Exposure controls/personal protection

### 8.1 Technical measures

Does not contain substances with quantities above the concentration limits for which a workplace limit is defined.

### 8.2 Respiratory protection

Normally no personal breathing protection necessary.

### 8.3 Skin protection

Wear certified protective gloves. Suitable material: NBR (nitrile rubber); Unsuitable materials: Butyl rubber, NR (natural rubber, natural latex). When handling chemical substances, only wear chemicals protection gloves with CE marking including four-digit approval number.

### 8.4 Eye protection

Framed glasses with side protection.

### 8.5 Body protection

Safety gloves resistant to chemicals.

### 8.6 Work hygiene

Minimum standards for protective measures for handling dangerous substance are specified in TRGS 500. Do not eat, drink, smoke, take snuff at the workplace.

### 8.7 Limit values to be monitored

		Raw materials		Product
Long-time values	MAK values	ml/m <sup>3</sup> ppm	mg/m <sup>3</sup>	mg/m <sup>3</sup> (calc.)
	Not determined	Not determined	Not determined	5

# Safety Data Sheet in accordance with 2001/58/EU



## 9. Physical and chemical properties

State of aggregation			liquid
Colour			red
Odour			characteristic
Change of state	pour point	DIN 51761	not determined
	boiling point	DIN 51761	not determined
Flash point		ISO 2592	> 200°C
Spontaneous ignition temperature			not self-igniting
Explosion hazard	lower explosion limit		not determined
	upper explosion limit		not determined
Density	at 15°C	DIN 51757	0.862 g/cm <sup>3</sup>
Vapour pressure	at 20°C	DIN 51754	not determined
Viscosity	at 40°C	DIN 51562	33.8 mm <sup>2</sup> /s
Solubility	in water		not mixable
	in acetone		soluble in mineral-oil hydrocarbons

## 10. Stability and reactivity

### 10.1 Thermal decomposition / conditions to avoid

Decomposition starts at high temperatures (> 120°C) / none if properly stored / handled / transported.

### 10.2 Dangerous reactions

Possible with strong oxidising agents. No other dangerous reactions known

### 10.3 Hazardous decomposition products

Carbon monoxide, carbon dioxide, aldehydes and ketones.

## 11. Toxicological information

### 11.1 Acute toxicity:

DL50 acute oral: Not determined

DL50 acute dermal: Not determined

### 11.2 Primary irritation:

Dermal: No irritation known.

On the eye: No irritation known.

### 11.3 Sensitisation:

No sensitizing effect known.

### 11.4 Additional toxicological information:

Acute toxicity, skin irritation, mucous membrane irritation and mutagenic potential of the preparation have been assessed by the manufacturer on the basis of the data available for the main constituents. There are gaps in the data on individual main constituents. However, the manufacturer's experience is that hazards beyond the classification are not to be expected.

# Safety Data Sheet in accordance with 2001/58/EU



## 12. Ecological information

### 12.1 Mobility

Not determined

### 12.2 Persistence and degradability

Not degradable

### 12.3 Bioaccumulative potential

Not determined

### 12.4 Aquatic toxicity

Water pollution class 2 (self-assessment)

### 12.5 AOX note

Not determined

### 12.6 Other information

Based on the data available on eliminatability/decomposition and the bioaccumulation potential, long-term damage to the environment cannot be ruled out.

## 13. Disposal considerations

### 13.1 Substance / preparation

Disposal in accordance with the EU Directives 75/442/EEC and 91/689/EEC in force concerning waste and dangerous waste.

### 13.2 Packaging

Completely emptied packagings may be provided to recycling. Packagings that cannot be cleaned must be disposed of. EWC 150102 or 150104.

### 13.3 Waste code number

EWC 130206 synthetic machinery, gear and lubricating oils.

## 14. Transport information

### 14.1 Land transport ADR/RID and GGVS/GGVE (across borders/inland)

ADR/RID-GGVS/E class	Not a hazardous material in the sense of these transport regulations.
Number / letter	n/a
Danger code (Kemler)	n/a
UN number	n/a
Hazard label	n/a
Description of goods	n/a

# Safety Data Sheet in accordance with 2001/58/EU



## 14.2 Sea transport IMDG/GGVSee

IMDG/GGVSee class	Not a hazardous material in the sense of these transport regulations.
Side	n/a
UN number	n/a
Packaging group	n/a
EMS number	n/a
MFAG	n/a
Marine pollutant	n/a
Proper shipping name	n/a

## 14.3 Air transport ICAO-TI and IATA-DGR

ICAO/IATA class	Not a hazardous material in the sense of these transport regulations.
UN/ID number	n/a
Packaging group	n/a
Proper shipping name	n/a

## 15. Regulatory information

### 15.1 Marking

The product is classified and marked in accordance with EU Directives / GefStoffV (ordinance on hazardous substances).

### Hazard symbols

n/a

### Texts of the R-phrases

36 Irritates the eyes

### Texts of the S-phrases

n/a

## 16. Other information

The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, storage, processing, transportation and disposal of the product specified in this safety data sheet. The information relates only to the specific product designated above. If the product specified in this safety data sheet is mixed with other materials or processed or machined, the information in this safety data sheet cannot be transferred to the new material produced, unless expressly stated otherwise.