



**SECTION 1: Identification of the substance / mixture and of the company / undertaking**

**1.1 Product Identifier:**

**Trade Name:** HELLA PAGID Brake Fluid DOT 4 – Grades with Boiling Points > 260 °C and Wet Boiling Points of < 165°C.

**Product no.**

8DF 355 360-002 (355.360-002), sales quantity: 24 x 250 ml

8DF 355 360-012 (355.360-012), sales quantity: 24 x 500 ml

8DF 355 360-022 (355.360-022), sales quantity: 10 x 1000 ml

8DF 355 360-032 (355.360-032), sales quantity: 4 x 5000 ml

8DF 355 360-042 (355.360-042), sales quantity: 1 x 20000 ml

8DF 355 360-001 (355.360-001), sales quantity: 24 x 250 ml, UFI Code: RQ05-R1GH-J10Y-82T3

8DF 355 360-011 (355.360-011), sales quantity: 24 x 500 ml, UFI Code: HJ15-T1DG-M10W-VGMR

8DF 355 360-021 (355.360-021), sales quantity: 10 x 1000 ml, UFI Code: RE25-V19F-P10U-GWFD

8DF 355 360-031 (355.360-031), sales quantity: 4 x 5000 ml, UFI Code: K935-X16E-R10T-3A91

8DF 355 360-041 (355.360-041), sales quantity: 1 x 20000 ml, UFI Code: X445-013D-T10R-RR3P

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

**Relevant identified uses of the substance or mixture:** Hydraulic fluid

**Relevant identified uses of the substance or mixture (REACH):** No special

**Uses advised against:** No special

**1.3 Details of the supplier of the MSDS:**

HELLA PAGID GmbH

Lüschershofstr. 80, 45356 Essen / Germany

www.hella-pagid.com

Phone: +49 (0) 201 2176000

E-mail: service@hella-pagid.com

**1.4 Emergency Telephone Number:**

Informationszentrale gegen Vergiftungen,

Universitätsklinikum Bonn

Adenauerallee 119, D-53113 Bonn

Tel: +49 (0)228-19240

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

Eye Irrit. 2; H319, Causes serious eye irritation.  
Repr. 2; H361d, Suspected of damaging the unborn child.

Classification may be based on test results obtained on the final product rather than calculation

### 2.2 Label elements

Hazard Pictogram/s:



Signal word: "Warning"

#### **Hazard statement(s):**

Causes serious eye irritation.  
Suspected of damaging the unborn child.

#### **Safety statement(s)**

##### **General**

P101, If medical advice is needed, have product container or label at hand.  
P102, Keep out of reach of children.

##### **Prevention**

P264, Wash hands/exposed areas thoroughly after handling.

##### **Response**

P301+P310, IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P337+P313, If eye irritation persists: Get medical advice/attention.  
P305+P351+P338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

##### **Storage**

-

##### **Disposal**

P501, Dispose of contents/container to an approved waste disposal plant.

#### **Hazardous substances**

Tris[2-[2-(2-methoxyethoxy)ethoxy]ethyl] orthoborate

### 2.3 Other Hazards:

#### **Additional labelling**

Not applicable

#### **Additional warnings**

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.  
Product is not classified as combustible but will burn.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances:

Not applicable.

### 3.2 Mixtures:

| Product / Ingredient name                            | Identifiers   | % w/w       | Classification                    | Note           |
|--|---|-------------|-----------------------------------|----------------|
| Butyl triglycol                                      | CAS No.: 143-22-6<br>EC No.: 205-592-6<br>REACH No.: 01-2119475107-38-XXXX<br>Index No.: 603-183-00-0 | 20 - 29,9 % | Eye Dam. 1, H318 (SCL: 30.00 %)   |                |
| Tris[2-[2-(2-methoxyethoxy)ethoxy]ethyl] orthoborate | CAS No.: 30989-05-0<br>EC No.: 250-418-4<br>REACH No.: 01-2119462824-33-XXXX<br>Index No.:            | 20 - 30 %   | Repr. 2, H361d                    |                |
| 2,2' -oxybisethanol                                  | CAS No.: 111-46-6<br>EC No.: 203-872-2<br>REACH No.: 01-2119457857-21-XXXX<br>Index No.: 603-140-00-6 | 0 - 9,9 %   | Acute Tox. 4, H302                |                |
| Butyl Polyglycol                                     | CAS No.: 9004-77-7<br>EC No.: 500-012-0<br>REACH No.: 01-2119475115-41-XXXX<br>Index No.:             | 5 - 10 %    | Eye Irrit. 2, H319 (SCL: 20.00 %) |                |
| 2-(2-butoxyethoxy)ethanol                            | CAS No.: 112-34-5<br>EC No.: 203-961-6<br>REACH No.: 01-2119475104-44-XXXX<br>Index No.: 603-096-00-8 | 0 - 2,99 %  | Eye Irrit. 2, H319                | Annex XVII, EU |
| 2-(2-methoxyethoxy)ethanol                           | CAS No.: 111-77-3<br>EC No.: 203-906-6<br>REACH No.: 01-2119475100-52-XXXX<br>Index No.: 603-107-00-6 | 0 - 2,99 %  | Repr. 2, H361d                    | Annex XVII, EU |

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

EU: European occupational exposure limit

Annex XVII: The chemical substance is subject to REACH restrictions, REACH annex XVII.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures:

##### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

##### Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her. If recovery is not rapid, seek medical attention

##### Skin contact

Immediately remove contaminated clothing and shoes. Ensure that skin, which has been exposed to the material, is washed thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

##### Eye contact

Remove contact lenses. Flush eyes immediately with plenty of water or isotonic water (20-30°C) for at least 5 minutes and continue until irritation stops. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

### **Ingestion**

Provide plenty of water for the person to drink and stay with him/her. Seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material. If medical attention is delayed, give adults 90-120 ml hard liquor such as 40% v/v spirits. Give children proportionately less at a rate of 2ml/kg body weight.

### **Burns**

Not applicable

### **4.2. Most important symptoms and effects, both acute and delayed**

The most important symptoms are described in sections 2 and 11.

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

### **4.3. Indication of any immediate medical attention and special treatment needed**

IF exposed or concerned: Get immediate medical advice/attention.

### **Information to medics**

Bring this safety data sheet or the label from this product.

Treat symptomatically. There is no specific antidote. Due to the Diethylene Glycol content, treatment as for Ethylene Glycol poisoning may help.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Waterjets should not be used, since they can spread the fire. However they may be used to cool adjacent containers.

### **5.2. Special hazards arising from the substance or mixture**

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>).

### **5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Avoid direct contact with spilled substances.

Avoid inhalation of vapours from spilled material.

Prevent unnecessary personnel entering area of spillage. When cleaning up large spills appropriate protective clothing should be worn -see section 8.

### **6.2. Environmental precautions**

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

### **6.3. Methods and material for containment and cleaning up**

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

### **6.4. Reference to other sections**

See section on "Disposal considerations" in regard of handling of waste.

See section on 'Exposure controls/personal protection' for protective measures.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid any method of handling that generates mists or aerosols.

Do not eat, drink or smoke when handling this product.

See section on 'Exposure controls/personal protection' for information on personal protection.

### 7.2. Conditions for safe storage, including any incompatibilities

Always store in containers of the same material as the original container.

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

#### Storage temperature

Room temperature 15 to 30°C

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

Users are referred to the specification SAE J1707 "Service maintenance of brake fluids".

## SECTION 8: Exposure controls/personal protection

### 8.1 Control Parameters:

2,2' -oxybisethanol;

Long term exposure limit (8 hours): 23 ppm

Long term exposure limit (8 hours): 101 mg/m<sup>3</sup>

2-(2-butoxyethoxy)ethanol;

Long term exposure limit (8 hours): 10 ppm

Long term exposure limit (8 hours): 67,5 mg/m<sup>3</sup>

Short term exposure limit (15 minutes): 15 ppm

Short term exposure limit (15 minutes): 101,2 mg/m<sup>3</sup>

2-(2-methoxyethoxy)ethanol;

Long term exposure limit (8 hours): 10 ppm

Long term exposure limit (8 hours): 50,1 mg/m<sup>3</sup>

Annotations:

Sk = Can be absorbed through the skin and lead to systemic toxicity.

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002. EH40/2005 Workplace exposure limits (Fourth Edition 2020)

### DNEL

| Product / Ingredient name                            | DNEL                   | Route of exposure | Duration                               |
|--|------------------------|-------------------|--|
| Butyl Triglycol                                      | 50mg/kgBW/day          | Dermal            | Long term – Systemic effects - Workers |
| Butyl Triglycol                                      | 195mg/m <sup>3</sup>   | Inhalation        | Long term – Systemic effects - Workers |
| Tris[2-[2-(2-methoxyethoxy)ethoxy]ethyl] orthoborate | 8.3 mg/kgBW/day        | Dermal            | Long term – Systemic effects - Workers |
| Tris[2-[2-(2-methoxyethoxy)ethoxy]ethyl] orthoborate | 29.1 mg/m <sup>3</sup> | Inhalation        | Long term – Systemic effects - Workers |
| 2,2' -oxybisethanol                                  | 106 mg/kgBW / Day      | Dermal            | Long term – Systemic effects - Workers |
| 2,2' -oxybisethanol                                  | 60mg/m <sup>3</sup>    | Inhalation        | Long term – Systemic effects - Workers |
| 2-(2-butoxyethoxy)ethanol                            | 20mg/kgBW/day          | Dermal            | Long term – Systemic effects - Workers |
| 2-(2-butoxyethoxy)ethanol                            | 67mg/m <sup>3</sup>    | Inhalation        | Long term – Systemic effects - Workers |

|                            |                       |            |  |
|----------------------------|-----------------------|------------|--|
| 2-(2-methoxyethoxy)ethanol | 0.53mg/kg BW/day      | Dermal     | Long term – Systemic effects - Workers |
| 2-(2-methoxyethoxy)ethanol | 50.1mg/m <sup>3</sup> | Inhalation | Long term – Systemic effects - Workers |

### PNEC

| Product / Ingredient name                            | PNEC       | Route of exposure      | Duration          |
|--|------------|------------------------|-------------------|
| Butyl Triglycol                                      | 5mg/L      | Water                  | Single            |
| Butyl Triglycol                                      | 200mg/L    | Sewage Treatment Plant | Continuous        |
| Tris[2-[2-(2-methoxyethoxy)ethoxy]ethyl] orthoborate | 2.112 mg/l | Water                  | Single            |
| Tris[2-[2-(2-methoxyethoxy)ethoxy]ethyl] orthoborate | 100 mg/l   | Sewage Treatment Plant | Continuous        |
| 2,2' -oxybisethanol                                  | 10mg/L     | Water                  | Single            |
| 2,2' -oxybisethanol                                  | 199.5mg/L  | Sewage Treatment Plant | Continuous        |
| 2-(2-butoxyethoxy)ethanol                            | 3.9mg/L    | Water                  | Single            |
| 2-(2-butoxyethoxy)ethanol                            | 200mg/L    | Sewage Treatment Plant | Continuous        |
| 2-(2-methoxyethoxy)ethanol                           | 12mg/L     | Water                  | Single            |
| 2-(2-methoxyethoxy)ethanol                           | 10000mg/L  | Sewage Treatment Plant | No data available |

### 8.2 Exposure Controls:

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

#### General recommendations

Do not eat, drink or smoke in the workplace

#### Exposure scenarios

There are no exposure scenarios implemented for this product.

#### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

#### Appropriate technical measures

Airborne vapour and mist concentrations must be kept at a minimum and below current limit values (see above). Installation of a Local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and -showers are clearly marked.

#### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

#### Measures to avoid environmental exposure

Keep spill absorbent materials available in the workplace. If possible, clean up any spills immediately.

#### Individual protection measures, such as personal protective equipment

##### Generally

Use only CE marked protective equipment.



##### Respiratory Equipment

No specific requirements


##### Skin protection

No specific requirements

### Hand protection

| Work situation | Material | Glove thickness | Breakthrough time | Standards               |   |
|----------------|----------|-----------------|-------------------|-------------------------|---|
|                | Butyl    | 0.3             | > 480             | EN374-2, EN374-3, EN388 |  |
|                | Nitrile  | 0.2             | > 480             | EN374-2, EN374-3, EN388 |  |

### Eye protection

| Work situation | Recommended                            | Standards |  |
|----------------|--|-----------|--|
|                | Wear safety glasses with side shields. | EN166     |  |

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties:

**Form**

Liquid

**Colour**

Amber

**Odour**

Mild

**Odour threshold (ppm)**

Testing not relevant or not possible due to nature of the product.

**pH**

7-10.5

**Density (g/cm<sup>3</sup>)**

1.02-1.07

**Viscosity**

5-10 centistokes (20.00 °C)

**Phase changes**

**Melting point (°C)**

< -50

**Boiling point (°C)**

>260 °C

**Vapour pressure**

1.0 millibar

**Vapour density**

Testing not relevant or not possible due to nature of the product.

**Decomposition temperature (°C)**

300

**Evaporation rate (n-butylacetate = 100)**

0.01

**Data on fire and explosion hazards**

**Flash point (°C)**

>100 °C

**Ignition (°C)**

>280 °C

**Auto flammability (°C)**

Testing not relevant or not possible due to nature of the product.

**Explosion limits (% v/v)**

Testing not relevant or not possible due to nature of the product.

**Explosive properties**

Testing not relevant or not possible due to nature of the product.

**Oxidizing properties**

Testing not relevant or not possible due to nature of the product.

**Solubility**

**Solubility in water**

Soluble

**n-octanol/water coefficient**

1.50

**Solubility in fat (g/L)**

Testing not relevant or not possible due to nature of the product.

**9.2 Other information:**

No other relevant data.

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No data available

**10.2. Chemical stability**

The product is stable under the conditions, noted in the section "Handling and storage".

**10.3. Possibility of hazardous reactions**

No special

**10.4. Conditions to avoid**

No special

**10.5. Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

**10.6. Hazardous decomposition products**

The product is not degraded when used as specified in section 1.

**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects:**

**Acute toxicity**

Based on available data, the classification criteria are not met.

Oral -Based on read across data toxicity is low (LD 50 Rat >5000 mg/kg). Sparse experience indicates toxicity in man could be greater.

Inhalation - Not applicable due to low vapour pressure of product.

Dermal - Based on read across data toxicity is low (LD 50 Rabbit >3000 mg/kg).

General - Although acute toxicity of this product is low, if significant amounts are absorbed there is a risk of renal damage which could lead to kidney failure or even death. Other symptoms of overexposure include Central Nervous System effects, abdominal discomfort, metabolic acidosis and headache or nausea.

**Skin corrosion/irritation**

Based on available data, the classification criteria are not met.

However, repeated contact may de-fat the skin and cause dermatitis.

**Serious eye damage/irritation**

Causes serious eye irritation.

**Respiratory or skin sensitisation**

Based on available data, the classification criteria are not met.



**Germ cell mutagenicity**

Based on available data, the classification criteria are not met.

**Carcinogenicity**

Based on available data, the classification criteria are not met.

**Reproductive toxicity**

Suspected of damaging the unborn child.

**STOT-single exposure**

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Long term effects**

Reproductive toxicity: This product contains teratogenic substances, which may produce anomalies and/or developmental defects to the human offspring. Adverse effects include: death, growth retardation, congenital disorders, delayed mental development, and functional disorders.

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

**Other information**

No special

**SECTION 12: Ecological information****12.1. Toxicity**

Product is of low ecotoxicity

Fish 96h LC50 >100mg/l (Oncorhynchus Mykiss)

Daphnia 48h EC50 Not determined but expected to be virtually non-toxic

Algae 72h EC50 Not determined but expected to be virtually non-toxic

**12.2. Persistence and degradability**

Product is inherently biodegradable and is expected to be readily biodegradable based on ingredients (OECD 302B).

If admitted into adapted biological water treatment plants no adverse effects of the degrading action of the live sludge are expected

**12.3. Bioaccumulative potential**

Not expected to Bio-accumulate. Log POW for all main ingredients <2.0

**12.4. Mobility in soil**

Product is soluble in water and will be mobile in soil until degraded. Volatilisation from water to air not expected.

**12.5. Results of PBT and vPvB assessment**

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

**12.6. Other adverse effects**

No special

**SECTION 13: Disposal considerations****13.1 Waste treatment methods:**

Product is covered by the regulations on hazardous waste.

Dispose of in accord with local and national regulations. Recycling or controlled incineration with energy recovery are recommended.

**EWC code**

16 01 13\* Brake fluids

**Specific labelling**

Not applicable

**Contaminated packing**

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: Transport information

### 14.1 - 14.4

Not dangerous goods according to ADR, IATA and IMDG.

#### **ADR/RID**

Not applicable

#### **IMDG**

Not applicable

#### **IATA**

Not applicable

#### **"MARINE POLLUTANT"**

No

### 14.5. Environmental hazards

Not applicable

### 14.6. Special precautions for user

Not applicable

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific to the substance or mixture:

#### **Restrictions for application**

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

#### **Demands for specific education**

No specific requirements

#### **SEVESO - Categories / dangerous substances**

Not applicable

#### **Additional information**

Tactile warning.

#### **Sources**

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

Council Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (CLP).

Regulation (EC) 1907/2006 (REACH).

### 15.2. Chemical safety assessment

No

## SECTION 16: Other information

### Full text of H-phrases as mentioned in section 3

H318, Causes serious eye damage.

H361d, Suspected of damaging the unborn child.

H302, Harmful if swallowed.

H319, Causes serious eye irritation.

### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level  
DNEL = Derived No Effect Level  
EINECS = European Inventory of Existing Commercial chemical Substances  
ES = Exposure Scenario  
EUH statement = CLP-specific Hazard statement  
EWC = European Waste Catalogue  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IARC = International Agency for Research on Cancer (IARC)  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SVHC = Substances of Very High Concern  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TWA = Time weighted average  
UN = United Nations  
UVCB = Complex hydrocarbon substance  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

#### **Additional information**

In accordance with Regulation (EC) No. 1272/2008 (CLP) the evaluation of the classification of the mixture is based on:

The classification of the mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

The classification of the mixture is based on test data.

This data sheet is available in other European Languages.

Data sheets for other areas of the Globe may be available on request.

The information contained herein is based on the present knowledge and experience of Hella Pagid GmbH. It in no way constitutes the users own assessment of work place risk as required by other Health and Safety legislation.

Hella Pagid GmbH does not, by supplying this information, guarantee or warrant any specific properties or qualities of goods supplied. It is the responsibility of the purchaser to determine whether the goods ordered are fit for any purpose for which they may be required.

#### **Other**

Because of the major changes, this data sheet should be read as entirely new.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.