



## SAFETY DATA SHEET

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Issued: 30/07/2020; Revision No. 3  
Regulation (EU) 2020/878

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

#### 1.1 Product Identifier

Product Name : Hydraulic Valve Treatment (PMHVT)  
UFI Number : USN3-T0CK-T00T-9WR9

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

Product use : For use as an additive for motor oil

#### 1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Automotive Brands  
Weston Road  
Bretforton, Evesham  
Worcestershire  
WR11 7QA  
United Kingdom

Tel.: 01789 330 668 (Available 9am-5pm)

Email: info@automotivebrands.co.uk

1.4 Emergency tel. no.: 01789 330 668 (Available 9am-5pm)

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

According to Regulation (EC) 1272/2008: Classification, Labelling and Packaging of Substances and Mixtures (CLP):

|                              |                |
|------------------------------|----------------|
| Physical and Chemical Hazard | Not classified |
| Human health                 | Not classified |
| Environment                  | Not classified |

#### 2.2 Label elements

Labelling according to EC Directives: 1272/2008/EC:

Signal word: Not applicable

Contains: Not applicable

Hazard Pictogram(s):

Not applicable

Hazard Statements: Not applicable

Precautionary Statements: Not applicable

Supplemental Hazard information (EU): Not applicable

2.3 Other hazards: None

**3. COMPOSITION/INFORMATION ON INGREDIENTS****3.2 Mixtures:****Hazardous components**

| Chemical Name                       | CAS No.<br>EC No./<br>Index No./<br>Reg. No | Classification<br>(1272/2008/EC) | SCL/M-Factor/<br>ATE | Content                  |
|-------------------------------------|---|----------------------------------|----------------------|--------------------------|
| Fatty acid, rape seed methyl esters | 85586-25-0<br>287-828-8                     | Not classified                   | -                    | No information available |
| Oils, lard                          | 8016-28-2<br>232-405-5                      | Not classified                   | -                    | No information available |

See Section 16 for the full text of the H-statements noted above.

(1272/2008/EC: Classification, Labelling and Packaging of Substances and Mixtures (CLP) Regulation).

**4. FIRST AID MEASURES****4.1 Description of first aid measures**

**General:** In case of adverse health effects seek medical advice.

**Skin contact:** Wash with soap and water.

**Eye contact:** Rinse immediately with running water (for 10 minutes). Seek medical attention if necessary.

**Ingestion:** Wash out mouth with water. Seek medical attention.

**Inhalation:** Remove from exposure.

**4.2 Most important symptoms and effects, both acute and delayed:**

No further information available.

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

No further information available.

**5. FIRE-FIGHTING MEASURES****5.1 Extinguishing media**

Suitable extinguishing media: Foam, carbon dioxide, dry agent.

Unsuitable extinguishing media: High pressure water jet.

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

Hazardous combustion products: No further information available.

**5.3 Advice for fire-fighters:**

No further information available.

**Special protective equipment for firefighters:**

Self-contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective clothing. See protective measures under point 7 and 8.

**6.2 Environmental precautions**

Do not empty into drains/surface water/ground water.

**6.3 Methods and materials for containment and cleaning up**

Remove with liquid-absorbing material

**6.4 References to other sections**

See sections 7, 8 and 13 for handling precautions, personal protection and disposal information.

**7. HANDLING AND STORAGE****7.1 Precautions for safe handling**

KEEP SUBSTANCE AWAY FROM: ignition sources. Strong acids and bases. Prevent slip hazards.  
Provide suitable mechanical equipment for safe handling of drums and heavy packages. Avoid release of this product to the environment and clear up any spillage promptly.

**7.2 Conditions for safe storage, including any incompatibilities**

Maximum recommended storage temperature, 40°C. Keep containers closed and in a dry, ventilated area.

**7.3 Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****8.1 Control parameters****Occupational exposure limit values**

Ingredient Comments:

No exposure limits noted for ingredient(s)

| Chemical name  | Country        | 8hr TWA        | 15min STEL     | Reference      |
|----------------|----------------|----------------|----------------|----------------|
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |

**8.2 Exposure controls****Personal protection**

**Eye/face protection:** Safety goggles.

**Skin protection:** Use suitable protective clothing. Remove working clothes after work.

**Hand Protection:** Chemical resistant, protective gloves. In the event of contamination, change protective gloves immediately. Avoid skin contact with the wetted surfaces of protective gloves.

**Body protection:** No supplementary information available

**Respiratory protection:** No supplementary information available.

**Hygiene measures:** General industrial hygiene practice.

**Appropriate engineering controls:** No supplementary information available.

**Environmental exposure controls:** No supplementary information available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

|  |  |
|--|--|
| Physical state                         | Liquid   |
| Colour                                 | yellow to amber.   |
| Odour                                  | mild fatty odour   |
| Melting point/freezing point           | <0°C   |
| Boiling point/range                    | >150°C   |
| Flammability                           | No data available  |
| Lower/Upper explosion limit            | No data available  |
| Flash point                            | >180°C   |
| Auto-ignition temperature              | >250°C   |
| Decomposition temperature              | No data available  |
| pH (Conc solution)                     | No data available  |
| Kinematic viscosity                    | 15   |
| Solubility                             | Insoluble (water). miscible with hydrocarbon solvents/mineral oil. |
| Partition coefficient: n-octanol/water | >5.0   |
| Vapour pressure                        | No data available  |
| Density and/or relative density        | 0.91 (@15°C)   |
| Particle characteristics               | Not applicable   |

### 9.2 Other information:

|                   |   |
|-------------------|---|
| Ethanol content % | 0 |
|-------------------|---|

## 10. STABILITY AND REACTIVITY

|   |   |
|---|---|
| 10.1 Reactivity                         | No information available.                                 |
| 10.2 Chemical stability                 | Stable under recommended storage and handling conditions. |
| 10.3 Possibility of hazardous reactions | No information available.                                 |
| 10.4 Conditions to avoid                | No information available.                                 |
| 10.5 Incompatible materials             | No information available.                                 |
| 10.6 Hazardous decomposition products   | On burning: releases oxides of carbon.                    |

**11. TOXICOLOGICAL INFORMATION****11.1 Information on hazard classes as defined in Regulation (EC) No. 1272/2008**

This mixture is classified as dangerous according to 1999/45/EC. This mixture is classified as hazardous according to regulation (EC) No. 1272/2008 [CLP]. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

**Acute toxicity**

|   |   |
|---|---|
| <b>Acute oral toxicity</b>                | LD50 (oral, rat), >2000mg/Kg. Based on available data, the classification criteria are not met.                               |
| <b>Acute dermal toxicity</b>              | Based on available data, the classification criteria are not met.   |
| <b>Acute inhalation toxicity</b>          | Based on available data, the classification criteria are not met.   |
| <b>Skin corrosion/irritation:</b>         | Not irritating. Based on available data, the classification criteria are not met.   |
| <b>Serious eye damage/irritation:</b>     | Based on available data, the classification criteria are not met.   |
| <b>Respiratory or skin sensitisation:</b> | Skin No sensitisation observed (guinea pig).<br>Respiratory Low volatility makes inhalation unlikely at ambient temperatures. |
| <b>Repeated dose toxicity:</b>            | Based on available data, the classification criteria are not met.   |
| <b>Carcinogenicity:</b>                   | Based on available data, the classification criteria are not met.   |
| <b>Mutagenicity:</b>                      | Based on available data, the classification criteria are not met.   |
| <b>Toxicity for reproduction:</b>         | Based on available data, the classification criteria are not met.   |
| <b>STOT – single exposure:</b>            | Based on available data, the classification criteria are not met.   |
| <b>STOT – repeated exposure:</b>          | Based on available data, the classification criteria are not met.   |
| <b>Aspiration hazard</b>                  | Based on available data, the classification criteria are not met.   |
| <b>11.2 Information on other hazards</b>  | No further information available.   |
| <b>Endocrine disrupting properties</b>    | No ingredients have been identified as having endocrine disrupting properties.  |

**12. ECOLOGICAL INFORMATION****12.1 Toxicity**

Aquatic toxicity

Toxicity to fish LC50:100mg/l,

Test results from analogous product

Toxicity to bacteria EC50:>100mg/l,

Test results from analogous product.

**12.2 Persistence and degradability**

90% (21d) (CEC-Test L-33-T-82), Test result from analogous product.

**12.3 Bioaccumulative potential**

No information available.

**12.4 Mobility in soil**

No information available.

**12.5 Results of PBT and vPvB assessment**

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII

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**12.6 Endocrine disrupting properties** No information available.

**12.7 Other adverse effects**

No further information available. The evaluation was carried out according to the calculation method of the preparation directive.

**Ozone Depletion Potential** Not applicable.

## 13. DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods**

Waste residues:

Dispose of waste and residues in accordance with local authority requirements.

Contaminated packaging:

Dispose of through an authorised contractor.

## 14. TRANSPORT INFORMATION

General Information: The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**14.1 UN number** ADR/RID/ADN; IMDG; ICAO Not applicable

**14.2 UN proper shipping name** Not applicable

**14.3 Transport hazard class(es)** ADR/RID/ADN Class Not applicable

ADR/RID/ADN Class Not applicable

ADR Label No. Not applicable

IMDG Class Not applicable

ICAO Class/Division Not applicable

ICAO Subsidiary risk Not applicable

Transport labels Not applicable

**14.4 Packing Group** ADR/RID/ADN; IMDG; ICAO Not applicable

**14.5 Environment hazards** Marine Pollutant Not applicable.

**14.6 Special precautions for user** EMS Not applicable

**14.7 Maritime transport in bulk according to IMO instruments** Not applicable.

**15. REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

EC label:

Not hazardous according to CLP regulations. Label name none. Hazard symbol none.

EC number none required for label. Risk phrase(s) none.

Safety phrase(s) none.

Notification status:

All ingredients are on the following inventories or are exempted from listing:

REACH; TSCA; AICS; DSL, ENCS (JP); KECI (KR); PICCS (PH); INV (CN); CN INV

Water hazard class (WGK): No information available.

**15.2 Chemical Safety Assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**16. OTHER INFORMATION**

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 and Commission Regulation (EU) 2020/878 amending Annex II to Regulation (EC) No. 1907/2006.

Date: 30/07/2020

Revision: 3

Changes since last revision: 3. No information available.

**Full text of H-statements referred to under sections 2 and 3**

None.

**Abbreviations and acronyms**

ATE: Acute Toxicity Estimate.

CAS: Chemical Abstract Service (division of the American Chemical Society).

STOT: Single Target Organ Toxicity

SE: Single exposure

DNEL: Derived no effect level – a level above which humans should not be exposed.

PNEC: Predicted No Effect Concentration

TWA: Time-weighted average.

SCL: Specific Concentration Limit

STEL: Short-term exposure limit.

PBT: Persistent, Bioaccumulative, Toxic.

vPvB: very Persistent and very Bioaccumulative.

**Legal disclaimer:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

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