



## SAFETY DATA SHEET

### Versimax HD9 10W-40

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

##### 1.1. Product identifier

**Product name** Versimax HD9 10W-40

**Product number** 7404

**Internal identification** GHS21560

**EU REACH registration notes** Not applicable. Product is a mixture and not subject to registration

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

**Identified uses** Engine oil. Lubricant for diesel engines.

**Uses advised against** No specific uses advised against are identified. Use only for intended applications.

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

**Supplier** Morris Lubricants  
Castle Foregate  
Shrewsbury  
Shropshire  
SY1 2EL  
+44 (0) 1743 232200  
+44 (0) 1743 353584  
sds@morris-lubricants.co.uk

##### 1.4. Emergency telephone number

**Emergency telephone** +44(0)1743 232200 (08.45 - 17.00 GMT)

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

**Classification (SI 2019 No. 720)**

**Physical hazards** Not Classified

**Health hazards** Not Classified

**Environmental hazards** Not Classified

##### 2.2. Label elements

**Hazard statements** NC Not Classified

**Precautionary statements** P501a Dispose of container/contents to a hazardous or special waste collection point.

**Supplemental label information** EUH210 Safety data sheet available on request.

##### 2.3. Other hazards

None identified. This product does not contain any substances classified as PBT or vPvB.

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

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<b>Distillates (petroleum) hydrotreated heavy paraffinic</b>		<b>30-60%</b>
CAS number: 64742-54-7	EC number: 265-157-1	UK REACH registration number: UK-01-1759217276-5-XXXX
<b>Classification</b> Not Classified	<b>Classification (67/548/EEC or 1999/45/EC)</b> -	

  

<b>Distillates (petroleum), solvent-dewaxed heavy paraffinic</b>		<b>1-5%</b>
CAS number: 64742-65-0	EC number: 265-169-7	UK REACH registration number: UK-01-0119695008-1-XXXX
<b>Classification</b> Asp. Tox. 1 - H304	<b>Classification (67/548/EEC or 1999/45/EC)</b> -	

  

<b>paraffin oils (petroleum), catalytic dewaxed heavy</b>		<b>1-5%</b>
CAS number: 64742-70-7	EC number: 265-174-4	
<b>Classification</b> Asp. Tox. 1 - H304		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**Composition comments**      The highly refined mineral oils contain <3% (w/w) DMSO-extract, according to IP346

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Get medical attention if any discomfort continues.
<b>Inhalation</b>	If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Get medical attention if any discomfort continues. Do not induce vomiting.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

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

<b>Inhalation</b>	Upper respiratory irritation.
<b>Ingestion</b>	Aspiration into the lungs e.g. through vomiting after ingestion, may result in chemical pneumonia.
<b>Skin contact</b>	Prolonged skin contact may cause redness and irritation.
<b>Eye contact</b>	Irritation of eyes and mucous membranes.

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

<b>Notes for the doctor</b>	Treat symptomatically.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

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**Suitable extinguishing media** Extinguish with foam, carbon dioxide, dry powder or water fog.

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

**Hazardous combustion products** Fire or high temperatures create: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Nitrous gases (NO<sub>x</sub>). Sulphurous gases (SO<sub>x</sub>). Other unidentified organic and inorganic gases and compounds, some of which may be toxic.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Control run-off water by containing and keeping it out of sewers and watercourses.

**Special protective equipment for firefighters** Wear self-contained breathing apparatus.

## SECTION 6: Accidental release measures

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

**Personal precautions** For personal protection, see Section 8. In case of spills, beware of slippery floors and surfaces.

### 6.2. Environmental precautions

**Environmental precautions** Contain spillage with sand or earth. Avoid the spillage or runoff entering drains, sewers or watercourses. The product is insoluble in water and will spread on the water surface.

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

**Methods for cleaning up** Contain spillage with sand or earth. Collect spillage for reclamation or disposal in sealed containers via a licensed waste contractor. Avoid water contacting spilled material or leaking containers. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

### 6.4. Reference to other sections

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Always remove oil with soap and water or skin cleaning agent, never use organic solvents. Do not use oil-contaminated clothing or shoes, and do not put rags moistened with oil into pockets.

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

**Storage precautions** Keep only in the original container. Protect containers from damage. Keep containers upright. Keep container tightly closed and dry.

**Storage class** Miscellaneous hazardous material storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

**Distillates (petroleum) hydrotreated heavy paraffinic**

Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): ACGIH 10 mg/m<sup>3</sup>

**Distillates (petroleum), solvent-dewaxed heavy paraffinic**

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Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): ACGIH 10 mg/m<sup>3</sup>

### Distillates,hydrotreated heavy paraffinic

Long-term exposure limit (8-hour TWA): ACGIH 5

Short-term exposure limit (15-minute): ACGIH 10 mg/m<sup>3</sup>

### Zinc bis[O-(6-methylheptyl)]bis[O-(sec-butyl)]bis(dithiophosphate)

Short-term exposure limit (15-minute): 10 mg/m<sup>3</sup> mist

### Molybdenum polysulphide long chain alkyl dithiocarbamate complex

TWA 10mg/m<sup>3</sup> (source: Supplier)

ACGIH = American Conference of Governmental Industrial Hygienists.

## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

### Hand protection

The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Nitrile gloves are recommended but be aware that the liquid may penetrate the gloves. Frequent change is advisable.

### Other skin and body protection

Use of suitable barrier or after work creams to protect skin may be beneficial.

### Hygiene measures

Use engineering controls to reduce air contamination to permissible exposure level. Wash promptly with soap and water if skin becomes contaminated.

### Respiratory protection

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

## SECTION 9: Physical and chemical properties

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

Appearance	Liquid.
Colour	Amber.
Odour	Oil-like.
Odour threshold	Not determined.
pH	Not applicable.
Melting point	-33°C Pour point
Flash point	195°C Pensky-Martens closed cup.
Other flammability	Product is not flammable but on excessive heating may become combustible.
Vapour pressure	<0.1 kPa @ 20°C

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Vapour density	Not determined.
Relative density	0.863 @ 15.6°C
Solubility(ies)	Soluble in the following materials: Organic solvents.
Partition coefficient	log Kow: > 7 This figure is typical of mineral oil.
Auto-ignition temperature	>320°C
Decomposition Temperature	Not determined.
Viscosity	95.1 cSt @ 40°C
Explosive properties	Not considered to be explosive.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.

### 9.2. Other information

Volatile organic compound	The product is a complex mixture, the majority of which would not be classed as a VOC. However it cannot be discounted that trace or low levels of VOCs may be present.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Does not decompose when used and stored as recommended.
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### 10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition.
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### 10.5. Incompatible materials

Materials to avoid	Strong oxidising agents.
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### 10.6. Hazardous decomposition products

Hazardous decomposition products	Oxides of carbon. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m <sup>3</sup> .
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

General information	This product has low toxicity. Only large quantities are likely to have adverse effects on human health.
Inhalation	Unlikely to be hazardous by inhalation because of the low vapour pressure of the product at ambient temperature.
Ingestion	No harmful effects expected from quantities likely to be ingested by accident.
Skin contact	Skin irritation should not occur when used as recommended.

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<b>Eye contact</b>	May cause temporary eye irritation.
<b>Acute and chronic health hazards</b>	Prolonged or repeated contact with used oil may cause serious skin diseases, such as dermatitis and skin cancer.

### SECTION 12: Ecological information

<b>Ecotoxicity</b>	The product contains a substance which is harmful to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.
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#### 12.1. Toxicity

#### 12.2. Persistence and degradability

<b>Persistence and degradability</b>	The product is not readily biodegradable.
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#### 12.3. Bioaccumulative potential

<b>Bioaccumulative potential</b>	Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.
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<b>Partition coefficient</b>	log Kow: > 7 This figure is typical of mineral oil.
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#### 12.4. Mobility in soil

<b>Mobility</b>	The product is non-volatile. The product is insoluble in water and will spread on the water surface.
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#### 12.5. Results of PBT and vPvB assessment

<b>Results of PBT and vPvB assessment</b>	This product does not contain any substances classified as PBT or vPvB.
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#### 12.6. Other adverse effects

<b>Other adverse effects</b>	None known.
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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

<b>General information</b>	Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. This material and its container must be disposed of as hazardous waste.
<b>Disposal methods</b>	Dispose of waste via a licensed waste disposal contractor.
<b>Waste class</b>	European waste catalogue (EWC) number = 13 02 08* (other engine, gear and lubricating oil)

### SECTION 14: Transport information

<b>General</b>	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

No transport warning sign required.

#### 14.4. Packing group

Not applicable.

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### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78  
and the IBC Code

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

<b>National regulations</b>	Health and Safety at Work etc. Act 1974 (as amended). GB CLP Regulation The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 [UK REACH]
<b>Guidance</b>	Workplace Exposure Limits EH40.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### Inventories

#### EU - EINECS/ELINCS

All the ingredients are listed or exempt.

#### US - TSCA

All the ingredients are listed or exempt.

## SECTION 16: Other information

<b>Classification abbreviations and acronyms</b>	Acute Tox. = Acute toxicity Aquatic Acute = Hazardous to the aquatic environment (acute) Aquatic Chronic = Hazardous to the aquatic environment (chronic) Asp. Tox. = Aspiration hazard Carc. = Carcinogenicity Eye Dam. = Serious eye damage Eye Irrit. = Eye irritation Flam. Liq. = Flammable liquid Met. Corr. = Corrosive to metals Repr. = Reproductive toxicity Resp. Sens. = Respiratory sensitisation Skin Corr. = Skin corrosion Skin Irrit. = Skin irritation Skin Sens. = Skin sensitisation STOT RE = Specific target organ toxicity-repeated exposure STOT SE = Specific target organ toxicity-single exposure
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<b>Revision comments</b>	NOTE: Lines within the margin indicate significant changes from the previous revision.
<b>Issued by</b>	Regulatory Affairs
<b>Revision date</b>	22/04/2022
<b>Revision</b>	11

## Versimax HD9 10W-40

<b>Supersedes date</b>	24/11/2021
<b>SDS number</b>	21560
<b>Hazard statements in full</b>	H304 May be fatal if swallowed and enters airways.

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.