



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
NAPA® N402199L HYDRAULIC HVI 46  
HYDRAULIC OIL

Version: 6.0

Revision Date: 20.09.2023

Print Date: 16/10/2023

---

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

**1.1 Product identifier**

Trade name : NAPA® N402199L HYDRAULIC HVI 46  
HYDRAULIC OIL

Product code : 902619

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

Use of the substance/mixture : Lubricating oils

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

Company : Ellis Enterprises B.V., an affiliate of Valvoline Global  
Operations  
Wieldrechtseweg 39  
3316 BG Dordrecht  
Netherlands

Telephone : +31 (0)78 654 3500 (in the Netherlands), or contact your local  
CSR contact person

E-mail address of person : SDS@valvolineglobal.com  
responsible for the SDS

**1.4 Emergency telephone number**

00-800-825-8654, or contact your local emergency telephone number at 112

---

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)**

Not a hazardous substance or mixture.



## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006  
NAPA® N402199L HYDRAULIC HVI 46  
HYDRAULIC OIL

Version: 6.0

Revision Date: 20.09.2023

Print Date: 16/10/2023

### 2.2 Label elements

**Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)**

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required

#### Additional Labelling

EUH210 Safety data sheet available on request.

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC	64742-65-0 265-169-7 649-474-00-6 01-2119471299-27- xxxx	Asp. Tox. 1; H304	>= 1 - < 2.5

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General advice : Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.

In case of eye contact : Remove contact lenses.



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
NAPA® N402199L HYDRAULIC HVI 46  
HYDRAULIC OIL

Version: 6.0

Revision Date: 20.09.2023

Print Date: 16/10/2023

If swallowed : Protect unharmed eye.  
If eye irritation persists, consult a specialist.  
: Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

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

Symptoms : No symptoms known or expected.

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

Treatment : No hazards which require special first aid measures.

Treat symptomatically.

---

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media : High volume water jet

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

Hazardous combustion products : carbon dioxide and carbon monoxide

**5.3 Advice for firefighters**

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : Standard procedure for chemical fires.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
NAPA® N402199L HYDRAULIC HVI 46  
HYDRAULIC OIL

Version: 6.0

Revision Date: 20.09.2023

Print Date: 16/10/2023

---

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

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

Personal precautions : Refer to protective measures listed in sections 7 and 8.  
Use personal protective equipment.

### **6.2 Environmental precautions**

Environmental precautions : If the product contaminates rivers and lakes or drains inform  
respective authorities.

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

Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.

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

See sections: 7, 8, 11, 12 and 13.

---

## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**

Advice on safe handling : For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the  
application area.

Advice on protection against : Normal measures for preventive fire protection.  
fire and explosion

Hygiene measures : General industrial hygiene practice.

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

Requirements for storage : Electrical installations / working materials must comply with  
areas and containers the technological safety standards.

Advice on common storage : No materials to be especially mentioned.

Further information on : No decomposition if stored and applied as directed.  
storage stability

### **7.3 Specific end use(s)**

Specific use(s) : No data available



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
NAPA® N402199L HYDRAULIC HVI 46  
HYDRAULIC OIL

Version: 6.0

Revision Date: 20.09.2023

Print Date: 16/10/2023

---

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

#### Personal protective equipment

Eye/face protection : Safety glasses

#### Hand protection

Material : neoprene, nitrile rubber  
Break through time :  $\geq 240$  min  
Glove thickness :  $\geq 0.35$  mm  
Directive : Equipment should conform to EN 374

Remarks : The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. The data about break through time/strength of material are standard values! The exact break through time/strength of material has to be obtained from the producer of the protective glove.

Skin and body protection : Protective suit

Respiratory protection : No personal respiratory protective equipment normally required.

---

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : liquid



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
NAPA® N402199L HYDRAULIC HVI 46  
HYDRAULIC OIL

Version: 6.0

Revision Date: 20.09.2023

Print Date: 16/10/2023

---

Colour	:	amber
Odour	:	oily
Odour Threshold	:	No data available
pH	:	Not applicable
Pour point	:	< -33 °C
Initial boiling point and boiling range	:	> 300 °C
Flash point	:	> 150 °C
Evaporation rate	:	No data available
Flammability (solid, gas)	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	< 0.01 kPa
Relative vapour density	:	No data available
Relative density	:	No data available
Density	:	ca. 0.862 g/cm <sup>3</sup> (15 °C)
Solubility(ies)		
Water solubility	:	insoluble
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Decomposition temperature	:	No data available
Viscosity		
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	ca. 46 mm <sup>2</sup> /s (40 °C)

---



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
NAPA® N402199L HYDRAULIC HVI 46  
HYDRAULIC OIL

Version: 6.0

Revision Date: 20.09.2023

Print Date: 16/10/2023

Oxidizing properties : No data available

**9.2 Other information**

Self-ignition : No data available

---

**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

No decomposition if stored and applied as directed.

**10.2 Chemical stability**

No decomposition if stored and applied as directed.

**10.3 Possibility of hazardous reactions**

Hazardous reactions : Stable under recommended storage conditions.  
No hazards to be specially mentioned.

**10.4 Conditions to avoid**

Conditions to avoid : None known.

**10.5 Incompatible materials**

Materials to avoid : Strong acids  
Strong oxidizing agents

**10.6 Hazardous decomposition products**

No hazardous decomposition products are known.

---

**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

**Acute toxicity**

Not classified based on available information.

**Components:**

**DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
NAPA® N402199L HYDRAULIC HVI 46  
HYDRAULIC OIL

Version: 6.0

Revision Date: 20.09.2023

Print Date: 16/10/2023

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg

**Skin corrosion/irritation**

Not classified based on available information.

**Components:**

**DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC:**

Assessment : Slight, transient irritation  
Result : Slight, transient irritation

**Serious eye damage/eye irritation**

Not classified based on available information.

**Components:**

**DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC:**

Assessment : Slight, transient irritation  
Result : Slight, transient irritation

**Respiratory or skin sensitisation**

**Skin sensitisation**

Not classified based on available information.

**Respiratory sensitisation**

Not classified based on available information.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**Components:**

**DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC:**

Carcinogenicity - Assessment : Classified based on DMSO extract content < 3% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note L)

**Reproductive toxicity**

Not classified based on available information.



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
NAPA® N402199L HYDRAULIC HVI 46  
HYDRAULIC OIL

Version: 6.0

Revision Date: 20.09.2023

Print Date: 16/10/2023

**STOT - single exposure**

Not classified based on available information.

**STOT - repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

**Components:**

**DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC:**

**|| May be fatal if swallowed and enters airways.**

**Further information**

**Product:**

Remarks : No data available

---

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Product:**

**Ecotoxicology Assessment**

Acute aquatic toxicity : Not classified based on available information.

Chronic aquatic toxicity : Not classified based on available information.

**Components:**

**DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC:**

**Ecotoxicology Assessment**

**||** Acute aquatic toxicity : **Not classified based on available information.**

**||** Chronic aquatic toxicity : **Not classified based on available information.**

**12.2 Persistence and degradability**

No data available



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
NAPA® N402199L HYDRAULIC HVI 46  
HYDRAULIC OIL

Version: 6.0

Revision Date: 20.09.2023

Print Date: 16/10/2023

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

**Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Other adverse effects

**Product:**

Endocrine disrupting potential : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Additional ecological information : No data available

---

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

---

## SECTION 14: Transport information

### 14.1 UN number

ADR : Not regulated as a dangerous good  
RID : Not regulated as a dangerous good  
IMDG : Not regulated as a dangerous good  
IATA\_P : Not regulated as a dangerous good



## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006  
NAPA® N402199L HYDRAULIC HVI 46  
HYDRAULIC OIL

Version: 6.0

Revision Date: 20.09.2023

Print Date: 16/10/2023

### 14.2 UN proper shipping name

ADR : Not regulated as a dangerous good  
RID : Not regulated as a dangerous good  
IMDG : Not regulated as a dangerous good  
IATA\_P : Not regulated as a dangerous good

### 14.3 Transport hazard class(es)

ADR : Not regulated as a dangerous good  
RID : Not regulated as a dangerous good  
IMDG : Not regulated as a dangerous good  
IATA\_P : Not regulated as a dangerous good

### 14.4 Packing group

ADR : Not regulated as a dangerous good  
RID : Not regulated as a dangerous good  
IMDG : Not regulated as a dangerous good  
IATA (Cargo) : Not regulated as a dangerous good  
IATA\_P (Passenger) : Not regulated as a dangerous good

### 14.5 Environmental hazards

Not regulated as a dangerous good

### 14.6 Special precautions for user

Not applicable

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

Not applicable for product as supplied.

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

## SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17) : Not applicable  
UK REACH Candidate list of substances of very high : Not applicable



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
NAPA® N402199L HYDRAULIC HVI 46  
HYDRAULIC OIL

Version: 6.0

Revision Date: 20.09.2023

Print Date: 16/10/2023

concern (SVHC) for Authorisation

The Persistent Organic Pollutants Regulations (retained : Not applicable  
Regulation (EU) 2019/1021 as amended for Great  
Britain)

Regulation (EC) No 1005/2009 on substances that : Not applicable  
deplete the ozone layer

UK REACH List of substances subject to authorisation : Not applicable  
(Annex XIV)

Control of Major Accident Hazards Regulations : Not applicable  
2015 (COMAH)

**Other regulations:**

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to new and expectant mothers at work contained in Regulation 16 to 18) and of the Pregnant Workers Directive 92/85/EEC.

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive 94/33/EC on the protection of young people at work.

**The components of this product are reported in the following inventories:**

TCSI : On the inventory, or in compliance with the inventory

TSCA : All substances listed as active on the TSCA inventory

AIIC : Not in compliance with the inventory

DSL : All components of this product are on the Canadian DSL

ENCS : Not in compliance with the inventory

KECI : On the inventory, or in compliance with the inventory

PICCS : On the inventory, or in compliance with the inventory

IECSC : On the inventory, or in compliance with the inventory

NZIoC : On the inventory, or in compliance with the inventory



## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006  
NAPA® N402199L HYDRAULIC HVI 46  
HYDRAULIC OIL

Version: 6.0

Revision Date: 20.09.2023

Print Date: 16/10/2023

### 15.2 Chemical safety assessment

No data available

#### Inventories

AIIC (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TECI (Thailand), TSCA (USA)

---

## SECTION 16: Other information

### Full text of H-Statements

H304 : May be fatal if swallowed and enters airways.

### Full text of other abbreviations

Asp. Tox. : Aspiration hazard

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations



## **SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006  
NAPA® N402199L HYDRAULIC HVI 46  
HYDRAULIC OIL

Version: 6.0

Revision Date: 20.09.2023

Print Date: 16/10/2023

Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

### **Further information**

Internal information : 000000273940

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, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

GB / EN