

**Trade name: GARDNER DENVER PREMIUM VACUUM PUMP FLUID**

Date revised: 11.02.2021

Version: 2 / GB

Replaces Version: 1 / GB

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Trade name: GARDNER DENVER PREMIUM VACUUM PUMP FLUID****1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/preparation**

Oil for vacuum pumps

**1.3. Details of the supplier of the safety data sheet****Address/Supplier**

Gardner Denver Thomas GmbH

Am Vogelherd 20

98693 Ilmenau

Telephone no. 03677-604-0

Fax no. 03677-604-131

E-mail [welch.emea@gardnerdenver.com](mailto:welch.emea@gardnerdenver.com)**1.4. Emergency telephone number**

+49 3677 604 0 available from 8 a.m. to 3 p.m.

**SECTION 2: Hazards identification \*\*\*****2.1. Classification of the substance or mixture**

Voluntary product information following the Safety Data Sheet format. This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

**2.2. Label elements****Labelling according to regulation (EC) No 1272/2008**

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

**2.3. Other hazards**

The product contains no PBT or vPvB substances.

**SECTION 3: Composition/information on ingredients \*\*\*****3.1. Substances****Molecular weight**

Value 511 g/mol

**Further ingredients \*\*\*****Distillates (Petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified**

CAS No. 64742-65-0

EINECS no. 265-169-7

Concentration &gt;= 95 %

**Additional remarks:**

CLP Regulation (EC) No 1272/2008, Annex VI, Note L

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

In case of persistent symptoms consult doctor.

**After inhalation**

Ensure supply of fresh air. In the event of symptoms take medical treatment.

**After skin contact**

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

**After eye contact**

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Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

**After ingestion**

Rinse out mouth and give plenty of water to drink.

**Adhere to personal protective measures when giving first aid**

First aider: Pay attention to self-protection!

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

Skin irritation

**4.3. Indication of any immediate medical attention and special treatment needed****Hints for the physician / treatment**

Treat symptomatically

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Foam, Dry powder, Carbon dioxide, Water spray jet

**5.3. Advice for firefighters****Special protective equipment for fire-fighting**

In case of combustion use a suitable breathing apparatus.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Avoid breathing vapours.

**6.2. Environmental precautions**

Do not allow to enter drains or waterways.

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

Pick up with absorbent material. Clean contaminated floors and objects thoroughly, observing environmental regulations. Dispose of as prescribed.

**6.4. Reference to other sections**

Refer to protective measures listed in Sections 7 and 8.

**SECTION 7: Handling and storage \*\*\*****7.1. Precautions for safe handling****Advice on safe handling**

Observe the usual precautions for handling chemicals.

**Advice on protection against fire and explosion**

No special measures required.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Store product in closed containers.

**Hints on storage assembly**

Do not store together with foodstuffs.

**Storage classes \*\*\***

Storage class according to TRGS 510            10            Flammable liquids

**Further information on storage conditions**

Keep container tightly closed and dry.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Other information**

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Contains no substances with occupational exposure limit values.

**8.2. Exposure controls****General protective and hygiene measures**

Observe the usual precautions for handling chemicals.

**Respiratory protection**

Not necessary, but do not inhale vapours.

**Hand protection**

Gloves

Appropriate Material neoprene

**Eye protection**

Safety glasses

**Body protection**

Clothing as usual in the chemical industry.

**SECTION 9: Physical and chemical properties \*\*\*****9.1. Information on basic physical and chemical properties**

<b>Form</b>	liquid		
<b>Colour</b>	light yellow		
<b>Odour</b>	mild		
<b>Odour threshold</b>			
Remarks	not determined		
<b>pH value</b>			
Remarks	not determined		
<b>Melting point</b>			
Value	< 12		°C
Method	ASTM D 5949		
<b>Freezing point</b>			
Remarks	not determined		
<b>Initial boiling point and boiling range</b>			
Value	> 390		°C
<b>Flash point</b>			
Value	245		°C
Method	Cleveland open cup		
<b>Evaporation rate (ether = 1) :</b>			
Remarks	not determined		
<b>Flammability (solid, gas)</b>			
not determined			
<b>Upper/lower flammability or explosive limits</b>			
Remarks	not determined		
<b>Vapour pressure</b>			
Value	appr. 0,000001		Torr
Temperature	25	°C	
<b>Vapour density</b>			
Remarks	not determined		
<b>Density ***</b>			
Value	0,87		g/ml
Temperature	°C		
<b>Solubility in water</b>			
Remarks	not determined		
<b>Solubility(ies)</b>			
Remarks	not determined		

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**Partition coefficient: n-octanol/water**

Remarks not determined

**Ignition temperature**

Remarks not determined

**Decomposition temperature**

Remarks not determined

**Viscosity****kinematic**Value 60 mm<sup>2</sup>/s

Temperature 40 °C

**Explosive properties**

evaluation not determined

**Oxidising properties**

Remarks not determined

**9.2. Other information****Other information**

None known

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

**10.2. Chemical stability**

No hazardous reactions known.

**10.3. Possibility of hazardous reactions**

No hazardous reactions known.

**10.4. Conditions to avoid**

No hazardous reactions known.

**10.5. Incompatible materials**

None known

**SECTION 11: Toxicological information \*\*\*****11.1. Information on toxicological effects****Acute oral toxicity**

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

Species rat

LD50 &gt; 5000 mg/kg

Method OECD 401

**Acute dermal toxicity**

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

Species rabbit

LD50 &gt; 5000 mg/kg

Method OECD 402

**Acute inhalational toxicity**

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

Species rat

LC50 &gt; 4000 mg/l

Duration of exposure 4 h

Method OECD 403

**Skin corrosion/irritation**

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

**Serious eye damage/irritation**

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

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**Sensitization**

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

**Subacute, subchronic, chronic toxicity**

Remarks not determined

**Mutagenicity**

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

**Reproductive toxicity**

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

**Carcinogenicity \*\*\***

evaluation This material is not considered to be a carcinogen. It meets the criterion of less than 3 % (w/w) DMSO extract using method IP 346 (determination of polycyclic aromatic compounds) in accordance with note L of the CLP Regulation.

**Specific Target Organ Toxicity (STOT)****Single exposure**

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

**Repeated exposure**

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

**Aspiration hazard**

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

**Other information**

There is no data available on the product apart from the information given in this subsection.

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

not determined

**Daphnia toxicity**

Species	Daphnia magna	
EC50	> 10000	mg/l
Duration of exposure	48	h
Method	OECD 202	

**12.2. Persistence and degradability****General information**

not determined

**12.3. Bioaccumulative potential****General information**

not determined

**Partition coefficient: n-octanol/water**

Remarks not determined

**12.4. Mobility in soil****General information**

not determined

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

not determined

**12.6. Other adverse effects****General information**

not determined

**General information / ecology**

Do not discharge product unmonitored into the environment.

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**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations for the product**

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

**Disposal recommendations for packaging**

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

**SECTION 14: Transport information**

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
Label			
14.4. Packing group	-	-	-

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****VOC**

Remarks The product does not contain volatile compounds (VOC) within the meaning of Directive 1999/13/EC, since their vapour pressure is below 0.01 kPa at 293.15 °K.

Remarks The product does not contain any volatile compounds (VOC) as defined by the Swiss incentive tax (VOCV), as their (initial) boiling point is above 240 ° C at 1013.25 mbar.

**Other information**

The product does not contain substances of very high concern (SVHC).

**Other information**

All components are contained in the TSCA inventory or exempted.  
All components are contained in the AICS inventory.  
All components are contained in the PICCS inventory.  
All components are contained in the DSL inventory.  
All components are contained in the IECSC inventory.  
All components are contained in the NZIOC inventory.  
All components are contained in the ENCS inventory.  
All components are contained in the ECL inventory.

**15.2. Chemical safety assessment**

For this preparation a chemical safety assessment has not been carried out.

**SECTION 16: Other information****Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*  
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any



by Gardner Denver

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specific product properties and shall not establish a legally valid relationship.