

---

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

### 1.1. Product identifier

**Name of product** Acaril - EN  
Art-Nr 73055 (250 ml), 73057 (500 ml)

**1.2. Relevant identified uses of the substance or mixture and uses advised against**  
**Recommended intended purpose(s)**  
wash concentrate

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

**Manufacturer/distributor** Davimed GmbH  
Bahnhofstr. 1-3, D-23795 Bad Segeberg  
Phone +49 (0)4551 808 60-10, Fax +49 (0)4551 808 60-60  
E-Mail [info@davimed.de](mailto:info@davimed.de)  
Internet <http://www.davimed.de>

### Advice

Phone +49 (0)4551 808 60-0  
Fax +49 (0)4551 808 60-60

### 1.4. Emergency telephone number

**Emergency advice** Giftinformationszentrale Göttingen GIZ  
Phone +49 (0)551 19 240

---

## ! SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### ! Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
Acute Tox. 4	H302	
Eye Dam. 1	H318	
Aquatic Acute 1	H400	
Aquatic Chronic 2	H411	

#### ! Hazard statements for health hazards

H302 Harmful if swallowed.  
H318 Causes serious eye damage.

#### Hazard statements for environmental hazards

H400 Very toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.

#### Additional hints

This mixture is classified as hazardous according to Regulation (EC) No 1272/2008 [GHS].

### 2.2. Label elements

**Acaril - EN**

**Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]**



GHS05



GHS07



GHS09

**! Signal word**

Danger

**! Hazard statements for health hazards**

H302 Harmful if swallowed.

H318 Causes serious eye damage.

**Hazard statements for environmental hazards**

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

**Precautionary Statements**

**General**

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

**! Prevention**

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

**! Response**

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

**Disposal**

P501 Dispose of contents/container to an approved waste handling.

**! Hazardous ingredients for labelling**

Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts, Alcohols, C9-C11-iso-, C10-rich, ethoxylated

**! Special rules for supplemental label elements for certain mixtures**

Contains 4-(4-Hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde. May produce an allergic reaction.

**Additional information**

**Special rules on packaging**

Touchable warning sign (EN/ISO 11683).

**2.3. Other hazards**

**Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

## ! SECTION 3: Composition/ information on ingredients

### 3.1. Substances

not applicable

### 3.2. Mixtures

#### ! Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/ GHS]
68891-38-3	500-234-8	Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	> 5 < 10	Skin Irrit. 2, H315 / Eye Dam. 1, H318 / Aquatic Chronic 3, H412 / **
120-51-4	204-402-9	benzyl benzoate	> 20 < 30	Acute Tox. 4, H302 / Aquatic Chronic 2, H411 / Aquatic Acute 1, H400
31906-04-4	250-863-4	4-(4-Hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde	0,01 < 0,1	Skin Sens. 1A, H317
78330-20-8		Alcohols, C9-C11-iso-, C10-rich, ethoxylated	15 < 25	Acute Tox. 4, H302 / Eye Dam. 1, H318

#### REACH

CAS No	Name	REACH registration number
68891-38-3	Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	01-2119488639-16-XXXX
120-51-4	benzyl benzoate	01-2119976371-33-XXXX

#### ! Additional advice

\*\* Substance-specific limit values of the raw materials are taken into account for the classification of the product.

#### ! Labelling for contents according to regulation (EC) No 648/2004, annex VII

BENZYL BENZOATE (CAS 120-51-4)

FARNESOL (CAS 4602-84-0)

HYDROXYISOHEXYL3-CYCLOHEXENE CARBOXYALDEHYDE (CAS 31906-04-4)

5 % or over but less than 15 % anionic surfactants

30 % and more non-ionic surfactants

perfumes

## ! SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### ! General information

Remove moisted clothing immediately.

Consult a doctor if symptoms occur and / or persist.

#### In case of inhalation

Ensure of fresh air.

#### In case of skin contact

In case of contact with skin wash off with soap and water.

#### ! In case of eye contact

Seek medical advice immediately.

remove contact lenses

Rinse immediately with plenty of water with the eyelid wide open for 10 to 15 minutes.

#### In case of ingestion

Refer to medical treatment.

Rinse out mouth and give plenty of water to drink.

**Acaril - EN**

---

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

No information available.

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

No information available.

---

**! SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

Alcohol-resistant foam

Dry fire-extinguishing substance

Carbon dioxide

Water spray jet

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

Thermal decomposition may release toxic substances.

Attention: slip hazard if leaking.

**5.3. Advice for firefighters**

**Special protective equipment for fire-fighters**

Use breathing apparatus with independent air supply ( isolated ).

**Additional information**

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

If possible without risk, remove containers from the danger zone.

---

**SECTION 6: Accidental release measures**

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

**For non-emergency personnel**

Ensure adequate ventilation.

Use personal protective clothing.

High risk of slipping due to leakage/spillage of product.

Avoid contact with clothing, skin and eyes.

If vapors and aerosols occur, use suitable respiratory protection.

**6.2. Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.

Inform respective authorities in case of seepage into water course or sewage system.

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

Send in suitable containers for recovery or disposal.

Take up with absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).

After taking up the material dispose according to regulation.

Ensure adequate ventilation.

**6.4. Reference to other sections**

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

Emergency telephone number: see section 1

---

**Acaril - EN****SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

Avoid contact with eyes and skin.

Keep container tightly closed.

**General protective measures**

Avoid contact with eyes and skin

Do not inhale gases/vapours/aerosols.

**Hygiene measures**

Clean skin thoroughly after working.

At work do not eat, drink and smoke.

Remove soiled or soaked clothing immediately.

Work in rooms with good ventilation.

Wash hands and skin before breaks and after work.

Use barrier skin cream.

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

Keep in closed original container.

**Further information on storage conditions**

Keep container tightly closed and store at cool and aired place.

Protect from heat and direct solar radiation.

**Storage group** 12

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

No information available.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****DNEL-/PNEC-values****DNEL worker**

CAS No	Substance name	Value	Code	Remark
120-51-4	benzyl benzoate	5,1 mg/m <sup>2</sup>	DNEL long-term inhalative (systemic)	
		102 mg/m <sup>3</sup>	DNEL acute inhalative (systemic)	
		2,6 mg/kg bw/day	DNEL long-term dermal (systemic)	

**PNEC**

CAS No	Substance name	Value	Code	Remark
120-51-4	benzyl benzoate	0,017 mg/l	PNEC aquatic, freshwater	
		0,002 mg/l	PNEC aquatic, marine water	
		100 mg/l	PNEC sewage treatment plant (STP)	
		10,66 mg/kg	PNEC sediment, freshwater	
		1,07 mg/kg	PNEC sediment, marine water	

**Acaril - EN****DNEL-/PNEC-values (continued)**

CAS No	Substance name	Value	Code	Remark
		2,21 mg/kg	PNEC soil	

**8.2. Exposure controls****Respiratory protection**

With adequate exhaust, ventilation is not necessary.

**Hand protection**

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: Nitril, 0,4 mm, 60 min, 480 min. e.g. "Camatril Profi" (KCL GmbH, email: Vertrieb@kcl.de

The selection of the suitable gloves does not only depend on different material, but also on further marks of quality and varies from manufacturer to manufacturer.

The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

**Eye protection**

safety goggles

**Other protection measures**

protective clothing

**Appropriate engineering controls**

Ensure good ventilation, if necessary exhaustion at the workplace.

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

liquid

**Colour**

yellowish

**Odour**

fresh

**Odour threshold**

not determined

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>pH value</b>					neutral
<b>Boiling temperature / boiling range</b>	not determined				
<b>Melting point / Freezing point</b>	not determined				
<b>Flash point</b>	not determined				
<b>Vapourisation rate</b>	not determined				
<b>Flammable (solid)</b>	not determined				
<b>Flammability (gas)</b>	not determined				

**Acaril - EN**

	Value	Temperature	at	Method	Remark
<b>Ignition temperature</b>	not determined				
<b>Self ignition temperature</b>					Product is not self igniting.
<b>Lower explosion limit</b>	not determined				
<b>Upper explosion limit</b>	not determined				
<b>Vapour pressure</b>	not determined				
<b>Relative density</b>	not determined				
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>		20 °C			soluble
<b>Solubility/other</b>	not determined				
<b>Partition coefficient n-octanol/water (log P O/W)</b>	not determined				
<b>Decomposition temperature</b>	not determined				
<b>Viscosity</b>	not determined				

**Oxidising properties**

No information available.

**Explosive properties**

The product is not explosive.

**9.2. Other information**

Refer to technical data sheet.

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

No information available.

**10.2. Chemical stability**

Stable under recommended storage conditions.

Stable under normal conditions of use.

**10.3. Possibility of hazardous reactions**

No information available.

**10.4. Conditions to avoid**

Heat and frost

#### 10.5. Incompatible materials

No information available.

#### 10.6. Hazardous decomposition products

Regarding possible decomposition products refer to Section. 5

#### Thermal decomposition

Remark No decomposition if used as directed.

#### Additional information

As a general rule we recommend avoiding the contact with strong chemical reagents, such as acids, bases, reductors and oxidizers.

### ! SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
<b>Skin irritation</b>	low irritant effect - not necessary to label			
<b>Eye irritation</b>	irritant - risk of strong eye injuries			
<b>Skin sensitization</b>	Contains a sensitizing substance / sensitizing substances, may cause allergic reactions.			
<b>Sensitization respiratory system</b>	No sensitizing effects known.			

#### ! Specific target organ toxicity (single exposure)

No effect known.

#### ! Specific target organ toxicity (repeated exposure)

No effect known.

#### ! Aspiration hazard

No classification in relation to aspiration toxicity.

#### Additional information

The product should be handled with the care usual when dealing with chemicals.  
Further hazardous properties can not be excluded.

### SECTION 12: Ecological information

#### 12.1. Toxicity

No information available.

#### 12.2. Persistence and degradability



No information available.

#### 12.3. Bioaccumulative potential

Accumulation in organisms is not to be expected.

#### 12.4. Mobility in soil

No information available.

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

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

#### 12.6. Other adverse effects

##### General regulation

Do not allow uncontrolled leakage of product into the environment.

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

## SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Recommendations for the product

There are no harmonised regulations on the disposal of chemicals in the member states of the EU. In Germany the Recycling and Waste Management Act (KrWG) stipulates recycling as a requirement. This means that a distinction must be made between "wastes for recycling" and "wastes for disposal". Particular aspects - in the main concerning delivery - are also governed by the Laender.

##### Recommendations for packaging

Totally emptied packaging may be taken for recycling.  
Totally emptied packaging may be treated as household waste.  
Disposal in accordance with local regulations.

##### Recommended cleansing agent

Water, if necessary together with cleansing agents.

##### General information

The waste code must be allocated in compliance with the EAK-regulation referring to the specific process and the sector.

## SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	-	-	-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	-	-

**Acaril - EN**

---

**14.6. Special precautions for user**

No information available.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

No information available.

**Transport/further information**

No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.

---

**! SECTION 15: Regulatory information**

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

**National regulations**

**Water hazard class** 2 following AwSV (Germany)  
hazardous for water

**Decree for case of interference/remarks** No subject to the incident regulations.

**15.2. Chemical Safety Assessment**

No information available.

---

**! SECTION 16: Other information**

**! Training advice**

Refer to technical data sheet for further information.

CAS - Chemical Abstracts Service; CLP - Classification, Labelling & Packaging; DNEL - Derived No Adverse Effect Level; GHS - Globally Harmonised System of Classification and Labelling of Chemicals; LC50 - median lethal concentration;

OECD-Organisation for Economic Co-operation and Development; PBT-persistent, bioaccumulative and toxic. persistent, bioaccumulative and toxic; PNEC-estimated non-effect concentration; STOT-specific target organ toxicity;SVHC-substance of very high concern

**Recommended uses and restrictions**

National and local regulations concerning chemicals shall be observed.

**Further information**

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

The national special regulations have to be implemented by each user their own responsibility!

Please note: Our Material Safety Data Sheets have been prepared in accordance with EU directives, WITHOUT taking into account the specific national regulations for handling hazardous materials and chemicals.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 1.3

**! Sources of key data used**

Data sheets of the suppliers.

Umweltbundesamt Berlin (Water hazard classes)

Full text of the hazard phrases in section 3:

H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.

---

Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed 01.06.2022

Revision 28.05.2022 (GB) Version 1.4



**Acaril - EN**

---

- H400 Very toxic to aquatic life.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.