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

1.1. Product identifier

Name of product Acaril
Art-Nr 21053

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
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 Irrit. 2	H319	
Aquatic Acute 1	H400	
Aquatic Chronic 2	H411	

! Hazard statements for health hazards

H302 Harmful if swallowed.
H319 Causes serious eye irritation.

! 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

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



GHS07



GHS09

! Signal word
Warning

! Hazard statements for health hazards

H302 Harmful if swallowed.
H319 Causes serious eye irritation.

! 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 label before use.

! Prevention

P262 Do not get in eyes, on skin, or on clothing.
P270 Do not eat, drink or smoke when using this product.
P273 Avoid release to the environment.

! 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.
P337 + P313 If eye irritation persists: Get medical advice/attention.

! Disposal

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

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

Acaril

Hazardous ingredients (continued)

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
68439-46-3	Polymer	Alkohole, C9 – C11 –iso-, C10 –reich, ethoxyliert	> 15 < 30	Eye Irrit. 2, H319
31906-04-4	250-863-4	4-(4-Hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde	0,01 < 0,1	Skin Sens. 1A, H317

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
68439-46-3	Alkohole, C9 – C11 –iso-, C10 –reich, ethoxyliert	01-2119980051-45-0000

! 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 CARBOXALDEHYDE (CAS 31906-04-4)

5 % or over but less than 15 % anionic surfactants

15 % or over but less than 30 % non-ionic surfactants

perfumes

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove moisted clothing immediately.

In the event of persistent symptoms receive medical treatment.

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

In case of contact with eyes rinsing with plenty of lukewarm water carefully and seek for medical treatment.

remove contact lenses

In case of ingestion

Refer to medical treatment.

Rinse out mouth and give plenty of water to drink.

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

Fire gas of organic material has to be classed invariably as respiratory poison.
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

! 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

No information available.

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

	Value	Temperature	at	Method	Remark
Decomposition temperature	not determined				
Viscosity	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.

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
Skin irritation	low irritant effect - not necessary to label			
Eye irritation	irritant			

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	-	-	-

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

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: 1.2

! Sources of key data used

Data sheets of the suppliers.

Umweltbundesamt Berlin (Water hazard classes)

Volltext der Gefahrenhinweise in Abschnitt 2 und 3.

- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H400 Very toxic to aquatic life.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.