

Safety Data Sheet
according to Regulation (EC) No.
1907/2006 (REACH)



Trade name : AHV CirQ Support Gel 500 ml
Revision date : 14.11.2022
Print date : 14.11.2022

Version (Revision) : 1.0.1 (1.0.0)

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

1.1 Product identifier

AHV CirQ Support Gel 500 ml

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

Care product for animals

1.3 Details of the supplier of the safety data sheet

Supplier

AHV International BV

Street : Schokkerweg 10

Postal code/City : 8042PC Zwolle

Telephone : +31 (0)38 3030127

Information contact : info@ahvint.com

1.4 Emergency telephone number

Emile van de Vegte (AHV)
Telephone: +31 (0)38 3030127

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Skin Sens. 1 ; H317 - Skin sensitisation : Category 1 ; May cause an allergic skin reaction.

2.2 Label elements

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

Hazard pictograms



Exclamation mark (GHS07)

Signal word

Warning

Hazard components for labelling

Oils, clove ; CAS No. : 8000-34-8

3-P-MENTHANON ; CAS No. : 14073-97-3

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Hazard statements

H317 May cause an allergic skin reaction.

Precautionary statements

P102 Keep out of the reach of children.
P101 If medical advice is needed, have product container or label at hand.
P280 Wear protective gloves.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.

2.3 Other hazards

None

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

ETHANOL ; REACH No. : 01-2119457610-43 ; EC No. : 200-578-6; CAS No. : 64-17-5

Weight fraction : $\geq 10 - < 15 \%$
Classification 1272/2008 [CLP] : Flam. Liq. 2 ; H225 Eye Irrit. 2 ; H319

L-Menthol ; REACH No. : 01-2119458866-21-XXXX ; EC No. : 218-690-9; CAS No. : 2216-51-5

Weight fraction : $\geq 1 - < 5 \%$
Classification 1272/2008 [CLP] : Skin Irrit. 2 ; H315 Eye Irrit. 2 ; H319

Oils, clove ; EC No. : 284-638-7; CAS No. : 8000-34-8

Weight fraction : $\geq 1 - < 5 \%$
Classification 1272/2008 [CLP] : Asp. Tox. 1 ; H304 Skin Sens. 1 ; H317 Eye Irrit. 2 ; H319

3-P-MENTHANON ; REACH No. : 01-2119983789-09-XXXX ; EC No. : 237-926-1; CAS No. : 14073-97-3

Weight fraction : $\geq 0,1 - < 0,5 \%$
Classification 1272/2008 [CLP] : Skin Irrit. 2 ; H315 Skin Sens. 1B ; H317

PYRIDINE-2-THIOL 1-OXIDE, SODIUM SALT ; REACH No. : 01-2119493385-28-XXXX ; EC No. : 223-296-5; CAS No. : 3811-73-2

Weight fraction : $\geq 0,0025 - < 0,025 \%$
Classification 1272/2008 [CLP] : Acute Tox. 4 ; H302 Acute Tox. 4 ; H332 Skin Irrit. 2 ; H315 Eye Irrit. 2 ; H319 Aquatic Acute 1 ; H400
Specific Conc. Limits : (M=100)

Additional information

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Symptoms may develop several hours following exposure; medical observation therefore necessary for at least 48 hours.

Following inhalation

Provide fresh air. If unconscious but breathing normally, place in recovery position and seek medical advice.

In case of skin contact

After contact with skin, wash immediately with plenty of water and soap.

After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Following ingestion

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If swallowed, immediately drink: Water Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

Headache Nausea Dizziness

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂) Extinguishing powder Water mist alcohol resistant foam Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

Full water jet Strong water jet

5.2 Special hazards arising from the substance or mixture

Thermal decomposition can lead to the escape of irritating gases and vapours.

5.3 Advice for firefighters

Special protective equipment for firefighters

Full protection suit Use suitable breathing apparatus.

5.4 Additional information

Use water spray jet to protect personnel and to cool endangered containers. Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

See protective measures under point 7 and 8.

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Do not rinse down with water.

6.4 Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handle and open container with care. Use only in well-ventilated areas. Avoid: generation/formation of aerosols

Protective measures

Measures to prevent fire

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Always close containers tightly after the removal of product.

7.2

UV-radiation/sunlight Keep container tightly closed and in a well-ventilated place. Do not expose to temperatures above 50 °C.

Requirements for storage rooms and vessels

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Keep container tightly closed. Ensure adequate ventilation of the storage area.

Hints on joint storage

Storage class (TRGS 510) : 10

7.3 Specific end use(s)

Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

ETHANOL ; CAS No. : 64-17-5

Limit value type (country of origin) : TRGS 900 (D)

Limit value : 200 ppm / 380 mg/m³

Peak limitation : 4(II)

Remark : Y

Version : 02.07.2021

GLYCEROL ; CAS No. : 56-81-5

Limit value type (country of origin) : TRGS 900 (D)

Parameter : E: inhalable fraction

Limit value : 200 mg/m³

Peak limitation : 2(I)

Remark : Y

Version : 27.10.2020

PYRIDINE-2-THIOL 1-OXIDE, SODIUM SALT ; CAS No. : 3811-73-2

Limit value type (country of origin) : TRGS 900 (D)

Parameter : E: inhalable fraction

Limit value : 0,2 mg/m³

Peak limitation : 2(II)

Remark : H, Y

Version : 02.07.2021

DNEL-/PNEC-values

DNEL/DMEL

ETHANOL ; CAS No. : 64-17-5

Limit value type : DNEL/DMEL (Consumer)

Exposure route : Inhalation

Exposure frequency : Long-term

Limit value : 114 mg/m³

Limit value type : DNEL/DMEL (Consumer)

Exposure route : Dermal

Exposure frequency : Long-term

Limit value : 206 mg/kg

Assessment factor : day(s)

Limit value type : DNEL/DMEL (Consumer)

Exposure route : Oral

Exposure frequency : Long-term

Limit value : 87 mg/kg

Assessment factor : day(s)

Limit value type : DNEL/DMEL (Worker)

Exposure route : Inhalation

Exposure frequency : Long-term

Limit value : 950 mg/m³

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Limit value type : DNEL/DMEL (Worker)
Exposure route : Dermal
Exposure frequency : Long-term
Limit value : 343 mg/kg
Assessment factor : day(s)

PNEC

ETHANOL ; CAS No. : 64-17-5

Limit value type : PNEC (Aquatic, freshwater)
Limit value : 0,96 mg/l
Limit value type : PNEC (Aquatic, marine water)
Limit value : 0,79 mg/l
Limit value type : PNEC (Sediment, freshwater)
Limit value : 3,6 mg/kg
Limit value type : PNEC (Sediment, marine water)
Limit value : 2,9 mg/kg
Limit value type : PNEC (Soil)
Limit value : 0,63 mg/l
Limit value type : PNEC (Secondary poisoning)
Limit value : 0,38 g/kg

8.2 Exposure controls

Die üblichen Vorsichtsmaßnahmen beim Umgang mit Chemikalien sind zu beachten. Bei der Arbeit nicht Essen und Trinken - Nicht Rauchen. Von Nahrungsmitteln, Getränken und Futtermitteln fernhalten. Wash hands before breaks and after work.

Personal protection equipment

Eye/face protection



Eye glasses with side protection EN 166

Skin protection

Hand protection



When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. EN ISO 374

By short-term hand contact : Suitable gloves type Disposable gloves. NBR (Nitrile rubber)

By long-term hand contact : Check leak tightness/impermeability prior to use.

Suitable material : CR (polychloroprene, chloroprene rubber) Butyl caoutchouc (butyl rubber)

Breakthrough time : 480 min

Thickness of the glove material : 5 mm

Body protection

Wear anti-static footwear and clothing Protective clothing. Arbeitsschutzkleidung tragen. EN 13034 Natural fibres (e.g. cotton) , heat-resistant synthetic fibres
Chemical resistant safety shoes DIN EN 13832-2

Respiratory protection

Usually no personal respirative protection necessary.

SECTION 9: Physical and chemical properties

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9.1 Information on basic physical and chemical properties

Appearance : Gel
Colour : red
Odour : characteristic

Safety characteristics

Physical state :	Liquid		
Melting point/freezing point :	not determined		
Initial boiling point and boiling range :	96	°C	
Decomposition temperature :	not determined		
Flash point :	41,3	°C	
Auto-ignition temperature :	not applicable		
Lower explosion limit :	not applicable		
Upper explosion limit :	not applicable		
Vapour pressure :	not applicable		
Density :	0,98 - 0,986	g/cm ³	
Solvent separation test :	not applicable		
Water solubility :	not determined		
Fat solubility :	Not determined.		
pH :	5,5 - 7		
log P O/W :	not determined		
Flow time :	100	s	DIN-cup 4 mm
Viscosity :	2500 - 4500	mPa*s	
Cinematic viscosity :	not relevant		
Odour threshold :	not determined		
Relative vapour density :	not determined		
Vapourisation rate :	not determined		
Maximum VOC content (EC) :	14,6	Weight-%	
Flammable solids :	Not applicable.		
Flammable gases :	Not applicable.		
Oxidising liquids :	Not relevant.		
Explosive properties :	Not applicable.		
Corrosive to metals :	Not relevant.		

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Heat. UV-radiation/sunlight

10.5 Incompatible materials

Oxidising agent, strong.

10.6 Hazardous decomposition products

Does not decompose when used for intended uses.

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SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

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

Corrosion

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

Respiratory or skin sensitisation

May cause an allergic skin reaction.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

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

Germ cell mutagenicity

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

Reproductive toxicity

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

11.2 Information on other hazards

No information available.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

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

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

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 Endocrine disrupting properties

No information available.

12.7 Other adverse effects

No information available.

12.8 Additional ecotoxicological information

Additional information

Do not allow uncontrolled discharge of product into the environment.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose according to legislation.

13.2 Additional information

Contaminated packages must be completely emptied and can be re-used following proper cleaning.

SECTION 14: Transport information

14.1 UN number

No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

14.4 Packing group

No dangerous good in sense of these transport regulations.

14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

14.6 Special precautions for user

None

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

No transport as bulk according to IBC Code.

SECTION 15: Regulatory information

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

EU legislation

Authorisations and/or restrictions on use

Restrictions on use

Regulation (EC) No. 1907/2006 (REACH), Annex XVII (restrictions)

Use restriction according to REACH annex XVII, no. : 3, 40, 75

National regulations

Technische Anleitung Luft (TA-Luft)

Weight fraction (Number 5.2.5. I) : < 5 %

Water hazard class

Classification according to AwSV - Class : 1 (Slightly hazardous to water)

15.2 Chemical Safety Assessment

No information available.

SECTION 16: Other information

16.1 Indication of changes

02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] - Hazard components for labelling · 03. Hazardous ingredients · 07. Hints on joint storage - Storage class · 15. Sum substances WGK

16.2 Abbreviations and acronyms

None

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16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

16.5 Relevant H- and EUH-phrases (Number and full text)

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
