

## SAFETY DATA SHEET

# Operators Aftersun 200

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

#### 1.1. Product identifier

##### Trade name

Operators Aftersun 200

##### Product no.

506586

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

##### Relevant identified uses of the substance or mixture

Cosmetic

##### Uses advised against

No special

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

##### Company and address

##### **DermaPharm A/S**

Europavej 10

8990 Faarup

Denmark

+45 8647 7744

+45 8647 7748

##### Contact person

Gitte Manø

##### E-mail

Info@dermapharm.dk

##### Revision

07-01-2022

##### SDS Version

1.0

#### 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).

See section 4 "First aid measures".

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP)

#### 2.2. Label elements

##### Hazard pictogram(s)

Not applicable

##### Signal word

Not applicable

##### Hazard statement(s)

Not applicable

##### Safety statement(s)

General

-

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

#### Prevention

-

#### Response

-

#### Storage

-

#### Disposal

-

#### Hazardous substances

No special

### 2.3. Other hazards

#### Additional labelling

EUH208, Contains 3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-benzopyran-6-ol. May produce an allergic reaction.

EUH210, Safety data sheet available on request.

#### Additional warnings

Cosmetic products are exempt classification rules, but must comply with the cosmetics legislation.

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

Cosmetic products are exempt classification rules, but must comply with the cosmetics legislation.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Alcohols,C16-1-8	CAS No.: 67762-27-0 EC No.: 267-008-6 REACH: Index No.:	1-3%		
Alcohols, C16-C18, ethoxylated	CAS No.: 68439-49-6 EC No.: 939-518-5 REACH: Index No.:	1-3%		
3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-benzopyran-6-ol	CAS No.: 10191-41-0 EC No.: 233-466-0 REACH: Index No.:	<1%	Skin Sens. 1B, H317	

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See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

[1] European occupational exposure limit

[3] According to UK REACH, Annex XVII, the substance is subject to restrictions.

Cosmetic products are exempt classification rules, but must comply with the cosmetics legislation.

Labelling of contents according to Regulation 1223/2009 on cosmetic products "Ingredients"

## ALOE BARBADENSIS LEAF WATER (HUMECTANTS), CITRIC ACID (BUFFERING AGENTS)

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

##### Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

##### Skin contact

IF ON SKIN: Wash with plenty of water and soap.

Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

##### Eye contact

Upon irritation of the eye: Remove contact lenses and open eyes widely. Flush eyes with water or saline water (20-30°C) for at least 5 minutes. Seek medical assistance and continue flushing during transport.

##### Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

##### Burns

Not applicable

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

This product contains substances that may trigger an allergic reaction to predisposed persons.

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

No special

##### Information to medics

Bring this safety data sheet or the label from this product.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Not applicable

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

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>).

#### 5.3. Advice for firefighters

Fire fighters should wear appropriate personal protective equipment.

### SECTION 6: Accidental release measures

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

No specific requirements

#### 6.2. Environmental precautions

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Avoid discharge to lakes, streams, sewers, etc.

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

Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.

To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 on "Disposal considerations" in regard of handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

#### Recommended storage material

Always store in containers of the same material as the original container.

#### Storage temperature

No specific requirements

#### Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

—  
Glycerol  
Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 10

—  
sodium hydroxide;caustic soda  
Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 2

—  
cyclohexane  
Long term exposure limit (8 hours) (ppm): 100  
Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 350  
Short term exposure limit (15 minutes) (ppm): 300  
Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 1050

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.  
EH40/2005 Workplace exposure limits (Fourth Edition 2020).

#### DNEL

No data available

#### PNEC

No data available

### 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

#### General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

#### Exposure scenarios

There are no exposure scenarios implemented for this product.

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

#### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

#### Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and -showers are clearly marked.

#### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

No specific requirements.

#### Measures to avoid environmental exposure

No specific requirements

#### Individual protection measures, such as personal protective equipment

##### Generally

No specific requirements

##### Respiratory Equipment

No specific requirements

##### Skin protection

No specific requirements

##### Hand protection

No specific requirements

##### Eye protection

No specific requirements

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Physical state

Liquid

#### Colour

Yellow

#### Odour / Odour threshold

None

#### pH

5,0-5,5

#### Density (g/cm<sup>3</sup>)

0.98

#### Kinematic viscosity

50000-90000

#### Particle characteristics

Does not apply to liquids.

#### Phase changes

##### Melting point/Freezing point (°C)

Testing not relevant or not possible due to nature of the product.

##### Softening point/range (waxes and pastes) (°C)

Does not apply to liquids.

##### Boiling point (°C)

1.00 °C

##### Vapour pressure

Testing not relevant or not possible due to nature of the product.

##### Relative vapour density

Testing not relevant or not possible due to nature of the product.

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

#### Decomposition temperature (°C)

Testing not relevant or not possible due to nature of the product.

#### Data on fire and explosion hazards

##### Flash point (°C)

Testing not relevant or not possible due to nature of the product.

##### Ignition (°C)

Testing not relevant or not possible due to nature of the product.

##### Auto flammability (°C)

Testing not relevant or not possible due to nature of the product.

##### Lower and upper explosion limit (% v/v)

Testing not relevant or not possible due to nature of the product.

#### Solubility

##### Solubility in water

Soluble

##### n-octanol/water coefficient

Testing not relevant or not possible due to nature of the product.

##### Solubility in fat (g/L)

Testing not relevant or not possible due to nature of the product.

#### 9.2. Other information

##### Other physical and chemical parameters

No data available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No data available

#### 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

#### 10.3. Possibility of hazardous reactions

No special

#### 10.4. Conditions to avoid

No special

#### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

#### 10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

### SECTION 11: Toxicological information

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

##### Acute toxicity

Product/substance	Glycerol
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	12600 mg/kg ·
Other information	

Product/substance	2-Propenoic acid, homopolymer
Test method	
Species	Rabbit

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Route of exposure	Dermal
Test	LD50
Result	> 2000 mg/kg ·
Other information	

Product/substance	2-Propenoic acid, homopolymer
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	> 10000 mg/kg ·
Other information	

Product/substance	sodium hydroxide;caustic soda
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	325 mg/kg ·
Other information	

#### Skin corrosion/irritation

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

#### Serious eye damage/irritation

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

#### Respiratory sensitisation

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

#### Skin sensitisation

This product contains substances that may trigger an allergic reaction to predisposed persons.

#### Germ cell mutagenicity

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

#### Carcinogenicity

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

#### Long term effects

No special

#### Endocrine disrupting properties

No special

#### Other information

2-Propenoic acid, homopolymer has been classified by IARC as a group 3 carcinogen.

## SECTION 12: Ecological information

### 12.1. Toxicity

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Product/substance	Glycerol
Test method	
Species	Daphnia
Compartment	
Duration	24 hours
Test	EC50
Result	> 10000 mg/l ·
Other information	

Product/substance	2-Propenoic acid, homopolymer
Test method	
Species	Fish
Compartment	
Duration	No data available.
Test	LC50
Result	100-1000 mg/l ·
Other information	

Product/substance	2-Propenoic acid, homopolymer
Test method	
Species	Daphnia
Compartment	
Duration	No data available.
Test	EC50
Result	100-1000 mg/l ·
Other information	

Product/substance	sodium hydroxide;caustic soda
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	125 mg/l ·
Other information	

Product/substance	sodium hydroxide;caustic soda
Test method	
Species	Daphnia
Compartment	
Duration	24 hours
Test	EC50
Result	76 mg/l ·
Other information	

#### 12.2. Persistence and degradability

No data available

#### 12.3. Bioaccumulative potential

No data available

#### 12.4. Mobility in soil

No data available

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



According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

#### 12.6. Endocrine disrupting properties

No special

#### 12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product is not covered by regulations on dangerous waste.  
Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

#### EWC code

07 06 99 Wastes not otherwise specified

#### Specific labelling

Not applicable

#### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

### SECTION 14: Transport information

#### 14.1. - 14.4.

Not dangerous goods according to ADR, IATA and IMDG.

#### ADR/RID

Not applicable

#### IMDG

Not applicable

#### MARINE POLLUTANT

No

#### IATA

Not applicable

#### 14.5. Environmental hazards

Not applicable

#### 14.6. Special precautions for user

Not applicable

#### 14.7. Maritime transport in bulk according to IMO instruments

No data available

### SECTION 15: Regulatory information

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

##### Restrictions for application

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##### Demands for specific education

No specific requirements

##### SEVESO - Categories / dangerous substances

Not applicable

##### Additional information

Not applicable

##### Sources

Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products.

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

[3] According to UK REACH, Annex XVII, the substance is subject to restrictions.  
Regulation (EU) No 1357/2014 of 18 December 2014 on waste.  
CLP Regulation (EC) No 1272/2008, as retained and amended in UK law.  
EC-Regulation 1907/2006 (REACH), as amended by UK REACH Regulations SI 2019/758

#### 15.2. Chemical safety assessment

No

### SECTION 16: Other information

#### Full text of H-phrases as mentioned in section 3

H317, May cause an allergic skin reaction.

#### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
CAS = Chemical Abstracts Service  
CE = Conformité Européenne  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
CSA = Chemical Safety Assessment  
CSR = Chemical Safety Report  
DMEL = Derived Minimal Effect Level  
DNEL = Derived No Effect Level  
EINECS = European Inventory of Existing Commercial chemical Substances  
ES = Exposure Scenario  
EUH statement = CLP-specific Hazard statement  
EWC = European Waste Catalogue  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IARC = International Agency for Research on Cancer (IARC)  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SCL = A specific concentration limit.  
SVHC = Substances of Very High Concern  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TWA = Time weighted average  
UN = United Nations  
UVCB = Complex hydrocarbon substance  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

#### Additional information

In accordance with Article 31 of REACH, a safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information as required under Article 33 of REACH. The classification of the substance/mixture is based on test data.

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

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#### The safety data sheet is validated by

RKD

#### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en