

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Ladival Sonnenschutz Spray für Kinder LSF 50+  
Product code : 274 F 9

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

##### 1.2.1. Relevant identified uses

Intended for general public  
Main use category : Consumer use  
Use of the substance/mixture : Sunscreen for children and babies; also for adults

##### 1.2.2. Uses advised against

Restrictions on use : Anything other than the above

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

STADA Arzneimittel AG  
Stadastraße 2-18  
61118 Bad Vilbel  
Telephone: 06101 603-0  
Email: info@stada.de

#### 1.4. Emergency telephone number

Emergency number : +49 6101 603 153 - German and English language (9:00 – 16:00, Monday - Friday)

### SECTION 2: Hazards identification

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

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

Eye Dam. 1 H318  
Aquatic Chronic 2 H411  
Full text of hazard classes, H- and EUH-statements: see section 16

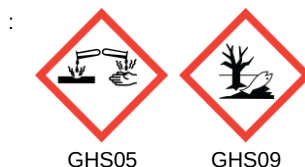
##### Adverse physicochemical, human health and environmental effects

Causes serious eye damage. Toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

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

Hazard pictograms (CLP)



GHS05

GHS09

Signal word (CLP)

: Danger

Contains

: Pentane-1,2-diol

Hazard statements (CLP)

: H318 - Causes serious eye damage.  
H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P273 - Avoid release to the environment.  
P280 - Wear eye protection.  
P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.  
P391 - Collect spillage.  
P501 - Dispose of contents and container to an authorised waste collection point.

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### 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name                                                                        | Product identifier                                                                                     | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------|
| Isopentyl p-methoxycinnamate                                                | CAS-No.: 71617-10-2<br>EC No.: 275-702-5<br>REACH-no: 01-2119555271-44-XXXX                            | 10 – 20 | Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410                |
| Phenethyl benzoate                                                          | CAS-No.: 94-47-3<br>EC No.: 202-336-5                                                                  | 3 – 10  | Aquatic Chronic 2, H411                                         |
| Pentane-1,2-diol                                                            | CAS-No.: 5343-92-0<br>EC No.: 226-285-3                                                                | 3 – 10  | Eye Dam. 1, H318                                                |
| Tris(2-ethylhexyl)-4,4',4''-(1,3,5-triazine-2,4,6-triyltriimino)tribenzoate | CAS-No.: 88122-99-0<br>EC No.: 402-070-1                                                               | 3 – 10  | Aquatic Chronic 4, H413                                         |
| Ethanol                                                                     | CAS-No.: 64-17-5<br>EC No.: 200-578-6<br>EC index No.: 603-002-00-5<br>REACH-no: 01-2119457610-43-XXXX | 1 - 5   | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319                        |

### Specific concentration limits:

| Name    | Product identifier                                                                                     | Specific concentration limits           |
|---------|--------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Ethanol | CAS-No.: 64-17-5<br>EC No.: 200-578-6<br>EC index No.: 603-002-00-5<br>REACH-no: 01-2119457610-43-XXXX | ( 50 $\leq$ C < 100) Eye Irrit. 2, H319 |

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |                                                                                                                                                                                                                                                                     |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures general            | : Use personal protective equipment as required. If medical advice is needed, have product container or label at hand.                                                                                                                                              |
| First-aid measures after inhalation   | : Not expected to present a significant hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.                                                                                                                                 |
| First-aid measures after skin contact | : Not expected to present a significant hazard under anticipated conditions of normal use. If skin irritation occurs: Get medical advice/attention. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. |

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|                                      |                                                                                                                                                                |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures after eye contact | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention. |
| First-aid measures after ingestion   | : If swallowed, seek medical advice immediately and show this container or label.                                                                              |

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

|                                    |                              |
|------------------------------------|------------------------------|
| Symptoms/effects after eye contact | : Causes serious eye damage. |
|------------------------------------|------------------------------|

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                |                                                                 |
|--------------------------------|-----------------------------------------------------------------|
| Suitable extinguishing media   | : Use extinguishing media appropriate for surrounding fire.     |
| Unsuitable extinguishing media | : Do not use a water jet since it may cause the fire to spread. |

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

|                                                  |                                         |
|--------------------------------------------------|-----------------------------------------|
| Fire hazard                                      | : Not flammable.                        |
| Hazardous decomposition products in case of fire | : Carbon oxides (CO, CO <sub>2</sub> ). |

### 5.3. Advice for firefighters

|                                |                                                                                                                                                                                                                              |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Firefighting instructions      | : Use water spray or fog for cooling exposed containers. Move containers from fire area if you can do it without risk. Exercise caution when fighting any chemical fire. Avoid fire-fighting water entering the environment. |
| Protection during firefighting | : As in any fire, wear self-contained breathing apparatus and full protective gear.                                                                                                                                          |

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

|                      |                                       |
|----------------------|---------------------------------------|
| Emergency procedures | : Ventilate area. Do not get in eyes. |
|----------------------|---------------------------------------|

#### 6.1.2. For emergency responders

|                      |                                       |
|----------------------|---------------------------------------|
| Emergency procedures | : Ventilate area. Do not get in eyes. |
|----------------------|---------------------------------------|

### 6.2. Environmental precautions

Prevent product from entering drains. Avoid release to the environment. Collect spillage. Notify authorities if large amounts of the product enters sewers or public waters.

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

|                         |                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------|
| Methods for cleaning up | : Flush area with water. Absorb and/or contain spill with inert material, then place in suitable container. |
|-------------------------|-------------------------------------------------------------------------------------------------------------|

### 6.4. Reference to other sections

SECTION 8: Exposure controls/personal protection. SECTION 13: Disposal considerations.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|                               |                                        |
|-------------------------------|----------------------------------------|
| Precautions for safe handling | : Use good personal hygiene practices. |
|-------------------------------|----------------------------------------|

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

|                    |                                                                                                                               |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Storage conditions | : Keep container tightly closed in a cool, well-ventilated place. Keep out of direct sunlight. Keep out of reach of children. |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------|

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Incompatible materials : Strong acids. Strong oxidising agents.

### 7.3. Specific end use(s)

Sunscreen for children and babies; also for adults.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

| Ethanol (64-17-5)                                 |                                                                                                                                                                                                                                                            |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Germany - Occupational Exposure Limits (TRGS 900) |                                                                                                                                                                                                                                                            |
| Local name                                        | Ethanol                                                                                                                                                                                                                                                    |
| AGW (OEL TWA) [1]                                 | 960 mg/m <sup>3</sup>                                                                                                                                                                                                                                      |
| AGW (OEL TWA) [2]                                 | 500 ppm                                                                                                                                                                                                                                                    |
| Peak exposure limitation factor                   | 4(II)                                                                                                                                                                                                                                                      |
| Remark                                            | DFG,Y                                                                                                                                                                                                                                                      |
| Regulatory reference                              | TRGS900                                                                                                                                                                                                                                                    |
| Glycerol (56-81-5)                                |                                                                                                                                                                                                                                                            |
| Germany - Occupational Exposure Limits (TRGS 900) |                                                                                                                                                                                                                                                            |
| Local name                                        | Glycerin                                                                                                                                                                                                                                                   |
| AGW (OEL TWA) [1]                                 | 200 mg/m <sup>3</sup> (E)                                                                                                                                                                                                                                  |
| Peak exposure limitation factor                   | 2(I)                                                                                                                                                                                                                                                       |
| Remark                                            | DFG - Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission); Y - Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden |
| Regulatory reference                              | TRGS900                                                                                                                                                                                                                                                    |

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

##### Appropriate engineering controls:

Do not get in eyes.

#### 8.2.2. Personal protection equipment

##### 8.2.2.1. Eye and face protection

##### Eye protection:

Wear eye protection

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### 8.2.2.2. Skin protection

#### Skin and body protection:

None under normal use

#### Hand protection:

None under normal use

### 8.2.2.3. Respiratory protection

#### Respiratory protection:

None under normal use

### 8.2.2.4. Thermal hazards

#### Thermal hazard protection:

Not required for normal conditions of use.

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

|                                 |                    |
|---------------------------------|--------------------|
| Physical state                  | : Liquid           |
| Colour                          | : Light yellow.    |
| Odour                           | : Like UV-filters. |
| Odour threshold                 | : Not available    |
| Melting point                   | : Not applicable   |
| Freezing point                  | : Not available    |
| Boiling point                   | : Not available    |
| Flammability (solid, gas)       | : Non flammable.   |
| Explosive limits                | : Not available    |
| Lower explosion limit           | : Not available    |
| Upper explosion limit           | : Not available    |
| Flash point                     | : Not available    |
| Auto-ignition temperature       | : Not available    |
| Decomposition temperature       | : Not available    |
| pH                              | : 6,5 – 7          |
| pH solution concentration       | : 100 %            |
| Viscosity, kinematic            | : Not available    |
| Solubility                      | : Not available    |
| Log Kow                         | : Not available    |
| Vapour pressure                 | : Not available    |
| Vapour pressure at 50°C         | : Not available    |
| Density                         | : 0,99 – 1,1 g/ml  |
| Relative density                | : Not available    |
| Relative vapour density at 20°C | : Not available    |
| Particle characteristics        | : Not applicable   |

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Stable under recommended handling and storage conditions (see section 7).

#### 10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

#### 10.3. Possibility of hazardous reactions

Hazardous polymerisation will not occur.

#### 10.4. Conditions to avoid

Keep away from heat. Direct sunlight.

#### 10.5. Incompatible materials

Strong acids. Strong oxidising agents.

#### 10.6. Hazardous decomposition products

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

### SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

##### Pentane-1,2-diol (5343-92-0)

|                             |                              |
|-----------------------------|------------------------------|
| LD50 oral, rat              | > 5000 mg/kg bodyweight      |
| LD50 dermal, rat            | > 2000 mg/kg bodyweight      |
| LC50 inhalation, rat (mg/l) | > 7015 mg/m <sup>3</sup> air |

##### Isopentyl p-methoxycinnamate (71617-10-2)

|                  |                        |
|------------------|------------------------|
| LD50 oral, rat   | 9600 mg/kg bodyweight  |
| LD50 dermal, rat | 20000 mg/kg bodyweight |

##### Phenethyl benzoate (94-47-3)

|                     |                         |
|---------------------|-------------------------|
| LD50 oral, rat      | > 2000 mg/kg bodyweight |
| LD50 dermal, rabbit | > 2000 mg/kg bodyweight |

##### Tris(2-ethylhexyl)-4,4',4''-(1,3,5-triazine-2,4,6-triyltriimino)tribenzoate (88122-99-0)

|                  |                         |
|------------------|-------------------------|
| LD50 oral, rat   | > 5000 mg/kg bodyweight |
| LD50 dermal, rat | > 2000 mg/kg bodyweight |

##### Ethanol (64-17-5)

|                             |                                                       |
|-----------------------------|-------------------------------------------------------|
| LD50 oral, rat              | 10470 mg/kg (95% Aqueous solution), (OECD 401 method) |
| LD50 dermal, rat            | 20 ml/kg                                              |
| LC50 inhalation, rat (mg/l) | 124,7 mg/l - 4 Hours (OECD 403 method)                |

Skin corrosion/irritation : Not classified  
pH: 6,5 – 7  
Serious eye damage/irritation : Causes serious eye damage.  
pH: 6,5 – 7

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|                                   |                  |
|-----------------------------------|------------------|
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity            | : Not classified |
| Carcinogenicity                   | : Not classified |

### Ethanol (64-17-5)

|                        |                            |
|------------------------|----------------------------|
| IARC group             | 1 - Carcinogenic to humans |
| Reproductive toxicity  | : Not classified           |
| STOT-single exposure   | : Not classified           |
| STOT-repeated exposure | : Not classified           |
| Aspiration hazard      | : Not classified           |

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

|                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Adverse health effects caused by endocrine disrupting properties | : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 % |
|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 11.2.2. Other information

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

|                                                           |                                                    |
|-----------------------------------------------------------|----------------------------------------------------|
| Ecology - general                                         | : Toxic to aquatic life with long lasting effects. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified                                   |
| Hazardous to the aquatic environment, long-term (chronic) | : Toxic to aquatic life with long lasting effects. |

### Pentane-1,2-diol (5343-92-0)

|                      |                                                   |
|----------------------|---------------------------------------------------|
| LC50 fish            | > 1096 mg/l - 96 Hours (Danio rerio)              |
| EC50 Daphnia         | > 500 mg/l - 48 Hours (Daphnia magna)             |
| EC50 72h - Algae [1] | 9334,69 mg/l - 72 Hours (Desmodesmus subspicatus) |

### Isopentyl p-methoxycinnamate (71617-10-2)

|                      |                                               |
|----------------------|-----------------------------------------------|
| EC50 Daphnia         | ≈ 0,28 mg/l - 48 Hours (Daphnia magna)        |
| EC50 72h - Algae [1] | 0,2 mg/l - 72 Hours (Desmodesmus subspicatus) |

### Phenethyl benzoate (94-47-3)

|                      |                                                 |
|----------------------|-------------------------------------------------|
| LC50 fish            | > 25 – < 50 mg/l - 96 Hours (Danio rerio)       |
| EC50 Daphnia         | 66,46 mg/l - 48 Hours (Daphnia magna)           |
| EC50 72h - Algae [1] | 4,58 mg/l - 72 Hours (Raphidocelis subcapitata) |

### Tris(2-ethylhexyl)-4,4',4''-(1,3,5-triazine-2,4,6-triyltriimino)tribenzoate (88122-99-0)

|                      |                                                |
|----------------------|------------------------------------------------|
| LC50 fish            | > 1000 mg/l - 96 Hours (Danio rerio)           |
| EC50 Daphnia         | > 500 mg/l - 48 Hours (Daphnia magna)          |
| EC50 72h - Algae [1] | > 80 mg/l - 72 Hours (Desmodesmus subspicatus) |

### Ethanol (64-17-5)

|             |                                              |
|-------------|----------------------------------------------|
| LC50 fish   | 11200 mg/l                                   |
| LC50 fish 2 | > 100 mg/l - 96 Hours, (Pimephales promelas) |

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### Ethanol (64-17-5)

|                                    |                                                                            |
|------------------------------------|----------------------------------------------------------------------------|
| EC50 Daphnia                       | 9268 – 14221 mg/l - 48 Hours, (Daphnia magna)                              |
| EC50 - Other aquatic organisms [1] | 4432 mg/l - 7 days, (Lemna gibba)                                          |
| ErC50 algae                        | 275 - 72 Hours, (Chlorella vulgaris), (OECD 201 method)                    |
| NOEC chronic fish                  | 250 mg/l - 120 Hours, (Danio rerio), (OECD 212 method)                     |
| NOEC chronic crustacea             | 9,6 mg/l - 10 days (Daphnia magna, Ceriodaphnia dubia, reproduction)       |
| EC10, algae, Chronic               | 11.5 mg/l (72 Hours, (Chlorella vulgaris, Growth rate), (OECD 201 method)) |
| NOEC, plants, Chronic              | 280 mg/l (7 days, Lemna gibba)                                             |

### 12.2. Persistence and degradability

#### Pentane-1,2-diol (5343-92-0)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |
| Biodegradation                | 73 % (28 days)         |

#### Phenethyl benzoate (94-47-3)

|                               |                           |
|-------------------------------|---------------------------|
| Persistence and degradability | Inherently biodegradable. |
| Biodegradation                | 43,72 % (28 days)         |

#### Tris(2-ethylhexyl)-4,4',4''-(1,3,5-triazine-2,4,6-triyltriimino)tribenzoate (88122-99-0)

|                               |                       |
|-------------------------------|-----------------------|
| Persistence and degradability | Poorly biodegradable. |
| Biodegradation                | < 10 % (28 days)      |

### Ethanol (64-17-5)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |
| Biodegradation                | ≈ 84 % - 20 days       |

### 12.3. Bioaccumulative potential

#### Isopentyl p-methoxycinnamate (71617-10-2)

|                |               |
|----------------|---------------|
| BCF - Fish [1] | 28 – 662 l/kg |
|----------------|---------------|

### Ethanol (64-17-5)

|                           |                                           |
|---------------------------|-------------------------------------------|
| Log Pow                   | -0,35 (24 °C, pH: 7.4), (OECD 107 method) |
| Bioaccumulative potential | Low bioaccumulation potential.            |

### 12.4. Mobility in soil

#### Phenethyl benzoate (94-47-3)

|                                                            |       |
|------------------------------------------------------------|-------|
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 2,728 |
|------------------------------------------------------------|-------|

### Ethanol (64-17-5)

|                |                      |
|----------------|----------------------|
| Ecology - soil | Miscible with water. |
|----------------|----------------------|

### 12.5. Results of PBT and vPvB assessment

No additional information available

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### 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.  
Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with / ADR / IMDG / IATA / ADN / RID

### 14.1. UN number or ID number

UN-No. (ADR) : UN 3082  
UN-No. (IMDG) : UN 3082  
UN-No. (IATA) : UN 3082  
UN-No. (ADN) : UN 3082  
UN-No. (RID) : UN 3082

### 14.2. UN proper shipping name

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Isopentyl p-methoxycinnamate)  
Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Isopentyl p-methoxycinnamate)  
Proper Shipping Name (IATA) : Environmentally hazardous substance, liquid, n.o.s. (Isopentyl p-methoxycinnamate)  
Proper Shipping Name (ADN) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Isopentyl p-methoxycinnamate)  
Proper Shipping Name (RID) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Isopentyl p-methoxycinnamate)  
Transport document description (ADR) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Isopentyl p-methoxycinnamate), 9, III, (-)  
Transport document description (IMDG) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Isopentyl p-methoxycinnamate), 9, III, MARINE POLLUTANT  
Transport document description (IATA) : UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Isopentyl p-methoxycinnamate), 9, III  
Transport document description (ADN) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Isopentyl p-methoxycinnamate), 9, III  
Transport document description (RID) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Isopentyl p-methoxycinnamate), 9, III

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : 9  
Hazard labels : 9



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### IMDG

Transport hazard class(es) (IMDG) : 9  
Danger labels (IMDG) :  
:



### IATA

Transport hazard class(es) (IATA) : 9  
Danger labels (IATA) :  
:



### ADN

Transport hazard class(es) (ADN) : 9  
Danger labels (ADN) :  
:



### RID

Transport hazard class(es) (RID) : 9  
Danger labels (RID) :  
:



## 14.4. Packing group

Packing group : III  
Packing group (IMDG) : III  
Packing group (IATA) : III  
Packing group (ADN) : III  
Packing group (RID) : III

## 14.5. Environmental hazards

Dangerous for the environment : Yes  
Marine pollutant : Yes  
Other information : No supplementary information available

## 14.6. Special precautions for user

### Overland transport

Orange plates : 

Tunnel restriction code (ADR) : -

### Transport by sea

No data available

### Air transport

No data available

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### Inland waterway transport

No data available

### Rail transport

No data available

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

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

| EU restriction list (REACH Annex XVII) |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reference code                         | Applicable on                                                                                     | Entry title or description                                                                                                                                                                                                                                                                                                                                                                         |
| 3.                                     | Isopentyl p-methoxycinnamate                                                                      | Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008                                                                                                                                                      |
| 3(a)                                   | Ethanol                                                                                           | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F                                                                                           |
| 3(b)                                   | Ladival Sonnenschutz Spray für Kinder LSF 50+ ; Ethanol                                           | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10                                                                                  |
| 3(c)                                   | Ladival Sonnenschutz Spray für Kinder LSF 50+ ; Isopentyl p-methoxycinnamate ; Phenethyl benzoate | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1                                                                                                                                                                                                                          |
| 40.                                    | Ethanol                                                                                           | Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not. |

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

##### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

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### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

### 15.1.2. National regulations

#### Germany

|                                            |                                                                                                                                                                                       |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Employment restrictions                    | : Observe restrictions according Act on the Protection of Working Mothers (MuSchG).<br>Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG). |
| Water hazard class (WGK)                   | : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1).                                                                                                       |
| Storage class (LGK, TRGS 510)              | : LGK 12 - Non-combustible liquids.                                                                                                                                                   |
| Hazardous Incident Ordinance (12. BImSchV) | : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)                                                                                                                    |

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

| Abbreviations and acronyms: |                                                                                                         |
|-----------------------------|---------------------------------------------------------------------------------------------------------|
|                             | ADR (Accord européen relatif au transport international des marchandises Dangereuses par Route)         |
|                             | CAS (Chemical Abstracts Service) number                                                                 |
|                             | CLP (Classification, Labeling and Packaging)                                                            |
|                             | DNEL (Derived No Effect Level)                                                                          |
|                             | EC50 (Effective Concentration 50%)                                                                      |
|                             | EC (European Community)                                                                                 |
|                             | IATA (International Air Transport Association)                                                          |
|                             | IMDG (International Maritime Dangerous Goods Code)                                                      |
|                             | LC50 (Lethal Concentration 50%)                                                                         |
|                             | LD50 (Lethal Dose 50%)                                                                                  |
|                             | OEL (Occupational exposure limit)                                                                       |
|                             | PBT (Persistent, Bioaccumulative and Toxic)                                                             |
|                             | PNEC (Predicted No Effect Concentration)                                                                |
|                             | REACH (Registration, Evaluation and Authorisation of Chemicals)                                         |
|                             | STEL (Short Term Exposure Limit)                                                                        |
|                             | UNxxxx (Number assigned by the United Nations Committee of Experts on the Transport of Dangerous Goods) |
|                             | vPvB (very Persistent and very Bioaccumulative)                                                         |

|                   |                                                                                                                                                                                                                                                                                                                                          |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data sources      | : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. REACH registration dossier. Supplier's safety documents. |
| Other information | : Classification procedure according to Regulation (EC) No. 1272/2008 [CLP]: Physical hazards: On basis of test data. Health hazards: On basis of test data. Environmental hazards: On basis of test data.                                                                                                                               |

| Full text of H- and EUH-statements: |                                                                 |
|-------------------------------------|-----------------------------------------------------------------|
| Aquatic Acute 1                     | Hazardous to the aquatic environment – Acute Hazard, Category 1 |

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| Full text of H- and EUH-statements: |                                                                   |
|-------------------------------------|-------------------------------------------------------------------|
| Aquatic Chronic 1                   | Hazardous to the aquatic environment – Chronic Hazard, Category 1 |
| Aquatic Chronic 2                   | Hazardous to the aquatic environment – Chronic Hazard, Category 2 |
| Aquatic Chronic 4                   | Hazardous to the aquatic environment – Chronic Hazard, Category 4 |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1                     |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2                     |
| Flam. Liq. 2                        | Flammable liquids, Category 2                                     |
| H225                                | Highly flammable liquid and vapour.                               |
| H318                                | Causes serious eye damage.                                        |
| H319                                | Causes serious eye irritation.                                    |
| H400                                | Very toxic to aquatic life.                                       |
| H410                                | Very toxic to aquatic life with long lasting effects.             |
| H411                                | Toxic to aquatic life with long lasting effects.                  |
| H413                                | May cause long lasting harmful effects to aquatic life.           |

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.