

# SAFETY DATA SHEET

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

### 1.1 Product identifier

Trade name Abena 10% Zinc Oxide Spray  
Product no. 1000003933 & 1000013235  
REACH registration number Not applicable

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

See instructions for use and Section 2.

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

Company and address Abena A/S  
Egelund 35  
6200 Aabenraa-DK  
Phone +45 7431 1818  
E-mail info@abena.com  
SDS version 1.1  
SDS date 09-10-2018

### 1.4 Emergency telephone number

Use your national or local emergency number  
See section 4 "First aid measures"

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

Aquatic Chronic 2 // H411

See full tekst of H/R-phrases in section 2.2.

DPD/DSD Classification Dangerous for the environment (N)  
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R51/53)

### 2.2 Label elements

Hazard pictogram(s)



Signal word -

Hazard statement(s) Toxic to aquatic life with long lasting effects (H411)

Identity of the substances primarily responsible for the major health hazards

-

#### Safety statements

General

For external use only. Avoid contact with eyes.  
Do not use in case of hypersensitivity to any of the ingredients listed.  
Keep out of reach of children.

Prevention

Avoid release to the environment (P273)

Response

-

Storage

-

Disposal

Dispose of contents/container to an approved waste disposal plant (P501)

### 2.3 Other hazards

Additional labelling

-

Additional warnings

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

VOC

-

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

| Ingredient                                      | CAS no.                  | EC / List no. | Range in %  | Classification (*)                             |
|---|--------------------------|---------------|-------------|--|
| Aqua  | 7732-18-5                | 231-791-2     | >50         | -  |
| Coco-caprylate/caprates                         | 95912-86-0               | 306-082-7     | 25 to >10   | -  |
| Zinc oxide                                      | 1314-13-2                | 215-222-5     | 10 to >5    | Aquatic Acute 1 H400<br>Aquatic Chronic 1 H410 |
| Glycerin  | 56-81-5                  | 200-289-5     | 5 to >1     | -  |
| C14-22 alcohols                                 | mixture                  | mixture       | 5 to >1     | -  |
| C12-20 alkyl glucoside                          | mixture                  | mixture       | 5 to >1     | -  |
| Propylene glycol                                | 57-55-6                  | 200-338-0     | 5 to >1     | -  |
| Cocoglycerides                                  | 67701-26-2               | 266-944-2     | 1 to >0.1   | -  |
| Caprylyl glycol                                 | 1117-86-8                | 214-254-7     | 1 to >0.1   | Eye Irrit. 2 H319                              |
| Caprylhydroxamic acid                           | 7377-03-9                | 230-936-7     | 1 to >0.1   | -  |
| Oleic acid                                      | 112-80-1                 | 204-007-1     | 1 to >0.1   | -  |
| Calendula officinalis flower extract            | 84776-23-8               | 283-949-5     | 1 to > 0.1  | -  |
| Chamomilla recutita (matricaria) flower extract | 84082-60-0               | 282-006-5     | 0.1 or less | -  |
| Silica  | 112945-52-5<br>7631-86-9 | 231-545-4     | 0.1 or less | -  |

(\*) See full text of H-phrases in chapter 16. Occupational limits are listed in section 8, if these are available.

## 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 continue. Never give an unconscious person water or similar.   |
| Inhalation          | Get the person into fresh air and stay with them.   |
| Skin contact        | Remove contaminated clothing and shoes at once. Skin that has come in contact with the material must be washed thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.  |
| Eye contact         | Remove contact lenses. Flush eyes immediately with plenty of water (20-30 °C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. If irritation continues, contact a doctor.  |
| Ingestion           | Give the person plenty to drink and stay with the person. If the person feels unwell, contact a doctor immediately and take this safety data sheet or the label from the product with you. Do not induce vomiting unless recommended by the doctor. Hold head facing down so that no vomit runs back into the mouth and throat. |
| Burns               | Rinse with water until the pain stops and continue for 30 minutes.  |

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

No special

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

No special

Information to medics Bring this safety data sheet.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Water jets should not be used, since they can spread the fire.

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

No special

### 5.3 Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact.

## SECTION 6: Accidental release measures

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

No specific requirements.

### 6.2 Environmental precautions

Consider putting up waste collecting trays/basins to prevent leakage to the surroundings. Avoid discharge to lakes, streams, sewers, etc. In the event of a leakage to the surroundings, contact the local environmental authorities.

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

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. Cleaning should be done as far as possible using normal cleaning agents. Solvents should be avoided.

### 6.4 Reference to other sections

See section on "Disposal considerations" with regard to the handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Smoking, consumption of food or liquid, and storage of tobacco, food or liquids are not allowed in the workrooms. Consider putting up waste collecting trays/basins to prevent leakage to the surroundings. See section on 'Exposure controls/personal protection' for information on personal protection.

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

Always store in containers of the same material as the original. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Storage temperature                      Store at room temperature (max. 25 °C).

### 7.3 Specific end use(s)

This product should only be used for applications described in Section 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

OEL    No data available

DNEL / PNEC                                No data available

### 8.2 Exposure controls

No control is necessary if the product is used in a normal way.

General recommendations    Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom.

Exposure scenarios                      If there is an appendix to this safety data sheet, the indicated exposure scenarios must be complied.

Exposure limits                            There are no maximum exposure limits for the substances contained in this product.

Appropriate technical measures    Take ordinary precautions when using the product. Avoid inhalation of gas, mist or dust.

Hygiene measures                        Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face.

Measures to avoid environmental exposure    No specific requirements.

|   |  |
|---|--|
| Individual protection measures, such as personal protective equipment | -  |
| Generally   | Only CE-marked personal protection equipment should be used. |
| 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

|   |        |                             |    |                         |                              |
|---|--------|-----------------------------|----|-------------------------|------------------------------|
| Appearance                                | Colour | Odour                       | pH | Viscosity               | Density (g/cm <sup>3</sup> ) |
| Spray                                     | White  | None                        | -  | -                       | 1,07                         |
| <b>Phase changes</b>                      |        |                             |    |                         |                              |
| Melting point (°C)                        |        | Boiling point (°C)          |    | Vapour pressure (mm Hg) |                              |
| -   |        | -                           |    | -                       |                              |
| <b>Data on fire and explosion hazards</b> |        |                             |    |                         |                              |
| Flashpoint (°C)                           |        | Ignition (°C)               |    | Self ignition (°C)      |                              |
| -   |        | -                           |    | -                       |                              |
| Explosion limits (Vol %)                  |        | Oxidizing properties        |    |                         |                              |
| -   |        | -                           |    |                         |                              |
| <b>Solubility</b>                         |        |                             |    |                         |                              |
| Solubility in water                       |        | n-octanol/water coefficient |    |                         |                              |
| Insoluble                                 |        | -                           |    |                         |                              |
| <b>9.2 Other information</b>              |        |                             |    |                         |                              |
| Solubility in fat                         |        | Additional information      |    |                         |                              |
| -   |        | N/A                         |    |                         |                              |

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

The product is stable under the conditions, noted in the section on "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 oxidising agents, and strong catabolic 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 toxicological effects

|                        |                    |
|------------------------|--------------------|
| Acute toxicity         | No data available. |
| Irritation             | No data available. |
| Skin corrosion         | No data available. |
| Sensitisation          | No data available. |
| Repeated dose toxicity | No data available. |
| Carcinogenicity        | No data available. |
| Mutagenicity           | No data available. |
| Reproductive toxicity  | No data available. |

## SECTION 12: Ecological information

### 12.1 Toxicity

No data available.

### 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

No data available.

### 12.6 Other adverse effects

This product contains ecotoxic substances which can have damaging effects on water-organisms. This product contains substances which can cause undesirable long-term effects in the water environment, due to its poor biodegradability.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

The product is covered by the regulations on dangerous waste.

EWC code 07 06 99

Specific labelling -

Contaminated packaging Packaging which contains leftovers from the product must be disposed of in the same way as the product.

## SECTION 14: Transport information

Not listed as dangerous goods under ADR and IMDG regulations.

### 14.1 – 14.4

| ADR/RID | 14.1 UN number | 14.2 UN proper shipping name | 14.3 Transport hazard class(es) | 14.4 Packing group |     |      | Notes                 |
|---------|----------------|------------------------------|---------------------------------|--------------------|-----|------|-----------------------|
| IMDG    | UN-no.         | Proper Shipping Name         | Class                           | PG*                | EmS | MP** | Hazardous constituent |

### 14.5 Environmental hazards

This product contains substances which can cause undesirable long-term effects in the water environment, due to its poor biodegradability.

### 14.6 Special precautions for user

-

### 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No data available

(\*) Packing group

(\*\*) Marine pollutant

## SECTION 15: Regulatory information

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

The product complies with the cosmetic regulation (EC) No 1223/2009.

### 15.2 Chemical safety assessment

Included in the product information file according cosmetic regulation (EC) No 1223/2009.

## SECTION 16: Other information

### Full text of H/R-phrases as mentioned in section 3.2

- H319 Causes serious eye irritation
- H400 Very toxic to aquatic life
- H410 Very toxic to aquatic life with long lasting effects