

# Safety Data Sheet

## DSALT / SX50 / CLEARVIEW

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
Issue date: 21/11/2019 Revision date: 21/11/2019 Version: 1.0

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

#### 1.1. Product identifier

Product name : DSALT / SX50 / CLEARVIEW  
Synonyms : DSALT/SX50 - READY TO USE

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

##### Relevant identified uses

Intended for general public  
Main use category : Consumer use, Professional use  
Use of the substance/mixture : Desalination of solid surfaces

##### Uses advised against

No additional information available

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

Zenitec AS  
Sørliveien 84  
1788 Halden  
T +47 466 70 400  
[post@zenitec.no](mailto:post@zenitec.no) - [www.dsalt.no](http://www.dsalt.no)

#### 1.4. Emergency telephone number

| Country        | Official advisory body                                | Address  | Emergency number                   | Comment                   |
|----------------|---|--|------------------------------------|---------------------------|
| United Kingdom | National Poisons Information Service (Newcastle Unit) | Claremont Place<br>Newcastle-upon-Tyne,<br>Newcastle | +44 191 2606182<br>+44 191 2606180 | Hours of operation: 24hrs |

### SECTION 2: Hazards identification

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

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

Not classified

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

No additional information available

#### 2.2. Label elements

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

Precautionary statements (CLP) : P102 - Keep out of reach of children.  
P501 - Dispose of contents and container to a hazardous or special waste collection point.

Extra phrases : Detergent Regulation (648/2004/EC).  
< 5%.  
anionic surfactants.  
non-ionic surfactants.

Child-resistant fastening : Not applicable

Tactile warning : Not applicable

#### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII  
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name  | Product identifier  | Conc. (% w/w) | Classification according to Regulation (EC) No. 1272/2008 [CLP]      |
|---|---|---------------|--|
| sulphamic acid; sulphamic acid; sulfamic acid | (CAS-No.) 5329-14-6<br>(EC-No.) 226-218-8<br>(EC Index-No.) 016-026-00-0<br>(REACH-no) 01-2119488633-28 | < 5           | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Aquatic Chronic 3, H412 |

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Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures after inhalation   | : Allow affected person to breathe fresh air.  |
| First-aid measures after skin contact | : Rinse skin with water/shower.  |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes. Obtain medical attention if pain, blinking or redness persists. |
| First-aid measures after ingestion    | : Rinse mouth. Drink plenty of water. Do NOT induce vomiting. Call a POISON CENTER/doctor if you feel unwell.      |

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

|                                     |  |
|-------------------------------------|--|
| Symptoms/effects                    | : Not expected to present a significant hazard under anticipated conditions of normal use. |
| Symptoms/effects after inhalation   | : Inhalation of vapours may cause respiratory irritation.                                  |
| Symptoms/effects after skin contact | : Prolonged or repeated contact may cause skin to become dry.                              |
| Symptoms/effects after eye contact  | : Liquid splashes in the eye may cause irritation.   |
| Symptoms/effects after ingestion    | : Ingestion may cause nausea, vomiting and diarrhea.                                       |

#### 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.

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

Fire hazard : Non flammable.

#### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not enter fire area without proper personal protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

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

General measures : Wear appropriate personal protective equipment - see Section 8. Collect as much as possible in clean container for (preferably) re-use or disposal. Ensure good ventilation of the work station. Spill area may be slippery.

##### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment : Equip cleanup and emergency crew with proper protection.

Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

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

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

#### 6.4. Reference to other sections

For further information refer to section 13. See Heading 8. Exposure controls and personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Ensure good ventilation of the work station. Wear appropriate personal protective equipment - see Section 8.

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

Storage conditions : Avoid high temperatures. Keep out of reach of children. Keep away from food, drink and animal feedingstuffs.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Hand protection:

Wear protective gloves. Wear rubber gloves or Latex gloves. Neoprene or nitrile rubber gloves. Layer thickness : 0,11 mm. Breakthrough time : 6 (> 480 minutes). STANDARD EN 374.

#### Eye protection:

Use splash goggles when eye contact due to splashing is possible. STANDARD EN 166.

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

Not necessary under the recommended storage and handling conditions.

#### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

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

|   |                                |
|---|--------------------------------|
| Physical state                                  | : Liquid                       |
| Colour  | : No data available            |
| Odour   | : Not determined.              |
| Odour threshold                                 | : Not determined.              |
| pH  | : > 3                          |
| Relative evaporation rate (butylacetate=1)      | : Not determined.              |
| Melting point                                   | : Not determined.              |
| Freezing point                                  | : Not determined.              |
| Boiling point                                   | : 111 °C                       |
| Flash point                                     | : Not determined.              |
| Auto-ignition temperature                       | : Not determined.              |
| Decomposition temperature                       | : Not determined.              |
| Flammability (solid, gas)                       | : Non flammable.               |
| Vapour pressure                                 | : Not determined.              |
| Relative vapour density at 20 °C                | : Not determined.              |
| Relative density                                | : Not determined.              |
| Density   | : 1.09 g/l                     |
| Solubility                                      | : Miscible in all proportions. |
| Partition coefficient n-octanol/water (Log Pow) | : Not determined.              |
| Viscosity, kinematic                            | : Not determined.              |
| Viscosity, dynamic                              | : Not determined.              |
| Explosive properties                            | : Not explosive.               |
| Oxidising properties                            | : Non flammable.               |
| Explosive limits                                | : Not relevant.                |

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### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable when used at recommended storage and handling conditions.

### 10.2. Chemical stability

Stable when used at recommended storage and handling conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Heat.

### 10.5. Incompatible materials

None to our knowledge.

### 10.6. Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

| Water (7732-18-5) |                        |
|-------------------|------------------------|
| LD50 oral rat     | 90000 mg/kg bodyweight |

| sulphamic acid; sulphamic acid; sulfamic acid (5329-14-6) |            |
|---|------------|
| LD50 oral rat   | 3160 mg/kg |
| LD50 oral   | 1050 mg/kg |

Skin corrosion/irritation : Not classified  
pH: > 3

Additional information : Based on available data, the classification criteria are not met

Serious eye damage/irritation : Not classified  
pH: > 3

Additional information : Based on available data, the classification criteria are not met

Respiratory or skin sensitisation : Not classified

Additional information : Based on available data, the classification criteria are not met

Germ cell mutagenicity : Not classified

Additional information : Based on available data, the classification criteria are not met

Carcinogenicity : Not classified

Additional information : Based on available data, the classification criteria are not met

Reproductive toxicity : Not classified

Additional information : Based on available data, the classification criteria are not met

STOT-single exposure : Not classified

Additional information : Based on available data, the classification criteria are not met

STOT-repeated exposure : Not classified

Additional information : Based on available data, the classification criteria are not met

Aspiration hazard : Not classified

Additional information : Based on available data, the classification criteria are not met

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### SECTION 12: Ecological information

#### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

#### sulphamic acid; sulphamic acid; sulfamic acid (5329-14-6)

|             |  |
|-------------|--|
| LC50 fish 1 | 14.2 mg/l Pimephales promelas (96 hours) |
|-------------|--|

#### 12.2. Persistence and degradability

##### DSALT / SX50 / CLEARVIEW

|                               |                |
|-------------------------------|----------------|
| Persistence and degradability | Biodegradable. |
|-------------------------------|----------------|

#### 12.3. Bioaccumulative potential

##### DSALT / SX50 / CLEARVIEW

|   |                 |
|---|-----------------|
| Partition coefficient n-octanol/water (Log Pow) | Not determined. |
|---|-----------------|

|                           |                                 |
|---------------------------|---------------------------------|
| Bioaccumulative potential | Not potentially bioaccumulable. |
|---------------------------|---------------------------------|

#### sulphamic acid; sulphamic acid; sulfamic acid (5329-14-6)

|                                     |       |
|-------------------------------------|-------|
| Bioconcentration factor (BCF REACH) | < 100 |
|-------------------------------------|-------|

|   |   |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 0 |
|---|---|

#### 12.4. Mobility in soil

No additional information available

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

##### DSALT / SX50 / CLEARVIEW

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

#### 12.6. Other adverse effects

Additional information : Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Regional legislation (waste) : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Waste treatment methods : Do not discharge into drains.

Product/Packaging disposal recommendations : Recycle product or dispose safely.

Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

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

| ADR                                     | IMDG           | IATA           | ADN            | RID            |
|---|----------------|----------------|----------------|----------------|
| <b>14.1. UN number</b>                  |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.2. UN proper shipping name</b>    |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |

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### 14.5. Environmental hazards

|                |                |                |                |                |
|----------------|----------------|----------------|----------------|----------------|
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
|----------------|----------------|----------------|----------------|----------------|

No supplementary information available

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Inland waterway transport

Not applicable

#### Rail transport

Not applicable

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

Not applicable

## SECTION 15: Regulatory information

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

#### EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

#### National regulations

EC-regulation 2015/830 /EC, 1907/2006/EC (REACH), 1272/2008/EC (CLP), 790/2009/EC. Transport of dangerous goods (ADR/RID, IMDG, IATA/ICAO). Workplace exposure limits.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

SDS ID : 304700

Data sources : EC-regulation 2015/830 /EC, 1907/2006/EC (REACH), 1272/2008/EC (CLP), 790/2009/EC. Transport of dangerous goods (ADR/RID, IMDG, IATA/ICAO). Workplace exposure limits.

Other information : None.

#### Full text of H- and EUH-statements:

|                   |   |
|-------------------|---|
| Aquatic Chronic 3 | Hazardous to the aquatic environment — Chronic Hazard, Category 3 |
| Eye Irrit. 2      | Serious eye damage/eye irritation, Category 2                     |
| Skin Irrit. 2     | Skin corrosion/irritation, Category 2                             |
| H315              | Causes skin irritation.   |
| H319              | Causes serious eye irritation.                                    |
| H412              | Harmful to aquatic life with long lasting effects.                |