

# SAFETY DATA SHEET

Legal basis: Ordinance (WE) nr 1907/2006 Of European Parliament and Council from December 18th 2006 REACH case.

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Date of card preparation: 17. 10. 2000

Actualization date: 12. 01. 2017

## „AVIBASE – alkaline disinfectant”

### CONCENTRATE FOR WASHING AND DISINFECTION OF DAIRY DEVICES

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#### 1. Identification of the substance and identification of the manufacturer, importer or distributor.

##### 1.1. Identification of the substance

Trade name: „AVIBASE”

##### 1.2. Application:

Concentrate for washing and disinfection of dairy devices

##### 1.3. Manufacturer identification:

Name and address of a company: AVITA Sławomir Rutz  
86-031 Osielsko, ul. Leśna 40

REGON number : 093065866

Telephone number : 48 (52) 324 15 10 /7 a.m.-3 p.m./

Fax number : 48 (52) 324 15 26

1.4. Person responsible for preparing the Safety data sheet : Mirosława  
Nowakowska-Lis, e-mail: [produkcja@avita.pl](mailto:produkcja@avita.pl)

#### 2. Hazard identification

Product classified as hazardous according to the existing rules.

Health Hazards: Corrosive substance, causes burns.

Symptoms and effects of exposure:

Skin contact: Corrosive, causes burns with symptoms of redness, severe pain, blistering may occur.

Eye contact: corrosive, can cause deep burns of the eyes, severe pain, redness.

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**Inhalation can cause severe irritation and / or burns of the respiratory system.**  
**Symptoms: nausea, vomiting, severe pain.**

**Hazardous properties:**

**Contact with acids liberates toxic gas. Strongly oxidizing liquid. Readily decomposes itself with excretion of chlorine and chlorine dioxide.**

**The threat for environment:**

**Dangerous for the environment, very toxic to aquatic organisms.**

**3. Composition and Information of Ingredients**

**The product is a mixture of sodium hydrochloride, sodium hydroxide and additives.**

<b>Ingredient name</b>	<b>Content</b>	<b>Nr WE Nr CAS Nr REACH</b>	<b>GHS/CLP: Regulation (EC) No 1272/2008 (CLP)</b>
<b>sodium hypochloride / active chlorine</b>	<b>5-10 %</b>	<b>WE: 231-668-3 CAS: 7681-52-9 REACH: 01-2119488154-34</b>	<b>EUH031 Skin Corr. 1B ( H314) STOT SE 3 (H335) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)</b>
<b>sodium hydroxide</b>	<b>5-10 %</b>	<b>WE: 215-185-5 CAS: 1310-73-2 REACH: 01-2119457892-27</b>	<b>Skin Corr. 1A ( H314) Metal Corrosion 1 (H290)</b>

**4. First aid**

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**When the patient is unconscious: do not induce vomiting. Never give anything to drink.**

**Inhalation: remove the victim from exposure, seek medical advice. Until the arrival of the doctor put the patient in a well ventilated room providing warm and calm.**

**Contact with skin: immediately remove contaminated clothes and wash skin with plenty of water (at least for 15 min).**

**In the case of severe contamination, immediately enter the shower in a suit, then remove all contaminated clothes and footwear, wash skin with plenty of water.**

**Put on clean, dry and warm clothes.**

**In the case of persisting irritation contact a dermatologist.**

**In the case of a large surface burns of the body seek medical advice immediately.**

**Eye contact:**

**Immediately flush wide open eyes with running water for at least 15 minutes (avoid strong stream of water because of the risk of mechanical damage to the cornea). Seek immediate medical help.**

**Ingestion:**

**If the victim is conscious, rinse mouth with water, do not induce vomiting, seek medical help as soon as possible.**

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## 5. Fire-fighting

**Fire-extinguishing measures:**

**„AVIBASE” is not flammable.**

**Use fire-extinguishing measures appropriate to the type of fire.**

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### **6. Proceedings in case of accidental release to environment**

**Personal protection means:**

**Wear suitable protective clothing, goggles, face protection- chemically resistant.**

**Procedure in case of spilling or leak of the substance: inform about the accident.**

**Intervention should be limited to trained personnel.**

**Prevent direct discharge of product into drainage system, into the ground, surface waters and groundwater.**

**Uncontrolled spills must be reported to the Office of Water Economy and Environment.**

**Small spilling: wash with plenty of water.**

**Large spilling: mark, sprinkle sand and pump to replacement tanks.**

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### **7. Handling and storage**

**Storage: Store in airtight containers well ventilated. Store at temperatures no higher than 25 C, away from dangerous substances reacting with such substances as hydrochloride, acids, reducing agents.**

**Handling:**

**Wear protective clothes, gloves, goggles and footwear resistant to chemicals.**

**Play along with health and safety regulations.**

### **8. Exposure control and personal protection means**

**Personal protective means which are used should meet the requirements of Ordinance of EM from 21.12.2005 of essential personal protection means (Journal of Laws nr 259, poz.2173).**

**Respiratory system protection - exposure to inhalation - a mask with absorber.**

**Eye protection - goggles or mask**

**Hands Protection - chemical resistant protective gloves.**

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**Technical protection means: shower and a place to wash eyes close to work stand, ventilation.**

**Hand Protection - chemical resistant protective gloves.**

**Eye protection - goggles or mask.**

**Skin protection - protective clothes, footwear resistant to chemical substances.**

**Other protective equipment: protective clothes resistant to corrosive chemicals.**

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### HAZARD CONTROL :

**TWA - 0.7 mg/m<sup>3</sup> (chlorine)**

**STEL - 1.5 mg/m<sup>3</sup> (chlorine)**

**TWA - 0.5 mg/m<sup>3</sup> (sodium hydroxide)**

**STEL - 1.0 mg/m<sup>3</sup> (sodium hydroxide)**

## 9. Physical and chemical proprieties

**state of aggregation - liquid**

**solubility in water - total**

**color - light straw**

**smell - chlorine**

**pH - 12.5 – 14.0 (100 %)**

**density - 1.10 - 1,25 g/cm<sup>3</sup>**

## 10. Stability and reactivity

**Shelf life: Stable under normal conditions**

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**Conditions which should be avoided: high temperatures, sunlight.**

**Materials to avoid: acids, products made of acids.**

**Hazardous Decomposition Products: chlorine, chlorine dioxide, sodium oxide, hydrogen chloride.**

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### 11. Toxicological information

**Inhalation: Acute irritation of the nose, throat and gastrointestinal tract.**

**Eye Contact: causes severe burns.**

**Skin Contact: causes severe burns.**

**Ingestion: causes severe burns of the oral cavity and gastrointestinal tract.**

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### 12. Ecological information

**Toxical influence:**

**-48 Hours EC 50 (for Daphnia) sodium hypochlorite, 40 mg / l**

**-Toxic to fish and algae.**

### 13. Waste disposal

**Do not remove to the drainage system. Pass to the company authorized for destruction. The recommended way - neutralization.**

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### Packaging waste:

Empty the packaging completely, after washing it's possible to use it again.  
Packaging waste pass to the company for the destruction or recovery of the material.

## 14. Transport information

Land transport: rail / road (RID / ADR)

Determination of Transport: Corrosive Material, liquid, alkaline, I.N.O.

UN Number: 1719

Classification: ADR / RID Class 8, packing group II

Warning signs: upper part 80  
lower part 1719

CEPIC sheet: 80 G 12

Warning label: 8



### SHIPPING: IMDG

Determination of Transport: Corrosive Material, liquid, alkaline, I.N.O.

UN number: 1719

IMDG Page: 8136

Packaging group: II

EMS Number: 8-06

MFAG plate number: 705

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## 15. Legislation information

Product under ADR- the European agreement concerning the carriage of dangerous products.

Ordinance of the European Parliament and Council Regulation (EC) No 1272/2008 of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45 / EC and amending Reg

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**(EC) No 1907/2006 (Official Journal of the European Union L335 / 1 dated. 31.12. 2008)**

**Ordinance (EC) No 1907/2006 of the European Parliament and of the Council of December 18th 2006 in REACH case)**

**Act of 11 January 2001 on chemical substances and preparations.  
(Journal of Laws No. 11, pos. 84), with amendments**

**Ordinance of the Minister dated. 01.12.2005 on how to assess risks to human health and the environment posed by new substances ( Journal of Laws nr 16, pos.138)**

**Ordinance of the Minister of Health dated 13 November 2007 on the safety data sheet (Journal of Laws 2007, No 215, pos. 1588)**

**Ministry of Health of 2 September 2003 on criteria and classification of chemical substances and preparations  
(Journal of Laws No. 171, pos. 1666) with amendments; Journal of Laws 2004 No. 243, item. Journal of Laws 2007 2440 and No. 174, pos. 1222**

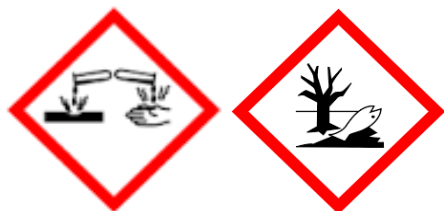
**Regulation of ME from 27 September 2001 on waste catalog (Journal of Laws Nr 112, item 1206)**

**Act of 28 October 2002 on road transport of dangerous goods (Journal of Laws No. 199, pos. 1671)**

**Act of 13 September 2002 on biocidal products (Journal of Laws 2002 No. 175, with amendmends pos. 14330**

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**Required symbols on unit packing:**



Contains Sodium Hydroxide

**Hazard statements:**



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**EUH031 - Contact with acids liberates toxic gas.**

**H314 - Causes severe skin burns and eye damage.**

**H410 - Very toxic to aquatic life with long lasting effects.**

**H290 - May be corrosive to metals.**

### **Precautionary statements:**

**P280 - Wear protective gloves/protective clothing/eye protection/face protection.**

**P303 +P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.**

**P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**

**P310 – Immediately call a POISON CENTER or doctor/physician.**

### **16. Other information**

**The information in the safety data sheet is based on our current knowledge and experience. It makes neither product properties nor qualitative parameters guarantee and can not be the basis for the complaint. Product should be transported, stored and used in accordance with applicable regulations.**

**The product should be used appropriately.**

**Any other use may be dangerous.**

**You are fully responsible for precautions application when using this product.**

### **CLP/GHS Clasification H phrases:**

**H290 May be corrosive to metals**

**H314 Causes severe skin burns and eye damage**

**H318 Causes serious eye damage.**

**H335 May cause respiratory irritation**

**H400 Very toxic to aquatic life**

**H410 Very toxic to aquatic life with long lasting effects**

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**EUH 031 Contact with acids liberates toxic gas**

**Changes compared to the previous version:**

**General update**

### **Bibliography:**

- The laws specified in section 15

- safety data sheets of used hazardous raw materials.

Biocide product which has granted a marketing authorization No. 4073/10 issued by