

SAFETY DATA SHEET

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

Date of card preparation: 17. 10. 2010

Actualization date: 12. 01. 2017

„AVICID- ACID DISINFECTANT”

CONCENTRATE FOR WASHING FOR DAIRY DEVICES

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

1.1. Identification of the substance

Trade name: „AVICID”

1.2. Application:

Concentrate for washing for 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

2. Hazard identification

Product classified as hazardous according to the existing rules.

Health Hazards: Corrosive substance, causes burns.

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Symptoms and effects of exposure:

inhalation – vapours of the product may cause irritation and burns of respiratory mucosa causing coughing, burning throat, shortness of breath,

consumption - corrosive, causes irritation and severe burns of the mouth, throat, stomach and the risk of perforation,

contact with the skin-corrosive, the symptoms are redness, pain and severe burns, may form deep ulcers, and skin discoloration,

eye contact – vapours cause irritation, can contribute to eye tissue damage.

Hazardous properties:

Oxidizing properties, under the influence of light and heat decomposes with evolution of toxic nitrogen dioxide.

Threat to environment:

May cause a threat to the environment due to the change in pH.

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3. Composition and Information of Ingredients

Ingredient name	% wag.	Nr WE Nr CAS Nr REACH	GHS/CLP: Regulation (EC) No 1272/2008 (CLP)
Nitric acid (v) concentration about 55 %	15-30 %	WE: 231-714-2 CAS: 7697-37-2 REACH: 01- 2119487297-23	Ox. Liq.3, H272 Skin Corr.1A, H314 Eye Dam. 1, H318
Phosphoric acid (V) concentration about 75 %	5-15%	WE: 231-633-2 CAS: 7664-38-2 REACH: 01- 2119485924-24	Acute Tox. 4,H302 Skin Corr. 1B, H314 Eye Dam. 1, H318

4. First aid

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,

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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.

5. Fire-fighting

Specific risks;

The product does not burn.

Fires in the presence of "AVICID" should be put out by fire-extinguishing measures suited to burning materials.

Containers exposed to fire or high temperature cool with water and, if possible, remove them from the hazardous area.

Wear full fire-fighting equipment.

6. Proceedings in case of accidental release to environment

Personal protection means:

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Protect face and eyes - wear safety goggles,

Use acid-resistant protective clothes and gloves.

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.

7. Handling and storage

HANDLING:

Wear protective clothing, goggles and acid resistant gloves.

Work in a ventilated area.

Keep locked up and out of reach of children.

STORAGE:

Store in a cool place away from light, in the original and properly labeled and tightly sealed packing, away from hydrochloride and other oxidants.

PACKAGINS:

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All types of construction provided for in the RID, ADR and IMMDG with UN certification mark.

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

Hand protection -protective acid-resistant gloves.

Eye and face protection - goggles or face mask.

Technical protective measures: shower and a place to wash eyes close to the workstation, ventilation.

Other protective equipment -acid-resistant clothes, rubber boots.

Do not use gloves, clothes and footwear of natural leather.

Hazard control:

Maximum concentration in workplace (MAC):

TWA : 1,4 mg/m³ (nitric acid)

STEL: 2,6 mg/m³ (nitric acid)

TWA : 1 mg/m³ (phosphoric acid)

STEL: 2 mg/m³ (phosphoric acid)

9. Physical and chemical proprieties

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Appearance - colorless, clear liquid

The smell - no smell

Solubility in water - total

pH – 1.0 : 2.0 (100 %)

Density - 1.10: 1.20

Flammability - non-flammable substance

10. Stability and reactivity

Stability - stable liquid under normal conditions of use.

Avoid contact with concentrated alkalis and substances that emit chlorine.

11. Toxicological information

Eye contact causes burning.

Contact with skin causes burning.

Inhalation- irritation of the nose, throat and partly alimentary canal.

Ingestion- burns of alimentary canal, tissue damage, perforation of the wall of the stomach and internal bleeding, severe pain, nausea.

12. Ecological information.

Mobility- dissolved in water.

Harmful effect due to pH changes.

Toxic to fish and algae.

Dangerous for drinking water.

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13. Waste disposal

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

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

	ADR/RID	ADN/ADNR	IMDG	IATA
Number UN (number ONZ)	UN3264	UN3264	UN3264	UN3264
Proper shipping name UN	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Nitric acid, Phosphoric acid)	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Nitric acid, Phosphoric acid)	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Nitric acid, Phosphoric acid)	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Nitric acid, Phosphoric acid)
Hazard class	 8	 8	 8	 8
Hazard identification number	80	80	80	80
Packing group	II	II	II	II
Environmental hazards	No.	No.	No.	No.
Special precautions for users	None.	None.	None.	None.

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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 (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)

Ordinance of 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)

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REUIRED SYMBOLS ON UNIT PACKINGS

HAZARD SYMBOLS:



Corrosive

Contains Nitric acid

Hazard statements:

H314 - Causes severe skin burns and eye damage.

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

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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:

H272 May intensify fire; oxidizer

H314 Causes severe skin burns and eye damage

H318 Causes serious eye damage

H302 Harmful if swallowed

Changes compared to the previous version:

General update

Bibliography:

- the laws specified in section 15**
- safety data sheets of used hazardous raw materials.**