

SANOMAT-HYGIENE-INFORMATION SANOMAT-HYGIENE-INFORMATION

Disinfection cleaning with SANO-DESINFEKT-PLUS

Standards of DIN 10507 regarding cleaning and disinfection of Cream-Whipping-Machines:

- ⇒ Daily cleaning and disinfection
- ⇒ Also cleaning and disinfection when:
 - Initial operation
 - Longer shut-down
 - Maintenance and reparation
- ⇒ Cleaning and disinfection at low temperature of about 50°C
- ⇒ Cleaning and disinfection solution is to be used only one-time
- ⇒ Disinfectant must be **DVG** (German veterinarian organisation) certified
- ⇒ Cleaner and disinfectants should avoid calcification inside the machine



Cleaning and disinfection in one procedure with Sano-Desinfekt-Plus:

- ⇒ Cleaning and disinfection in one procedure
- ⇒ Residence-time only 2 minutes
- ⇒ Effectation at low-temperature-range (ca. 50°C)
 - Prevention of limestone (lime forming)
 - Prevention of milk-stone (protein forming)
 - Prevention of scalding
- ⇒ DIN- and DVG-certification
- ⇒ Concentration: Just 4cl on 1,5 litre water



Note: Because of full effectiveness at low-temperature-range Sano-Desinfekt-Plus can also be used for cream whipping machines of other manufacturers or ice-cream machines

Use the cleaning nozzle:

The use of the special cleaning nozzle during the disinfection cleaning optimizes the effect of our disinfectant Sano-Desinfekt-Plus:

The cleaning nozzle generates a higher pressure and an additional velocity in the cream whipping assembly (pulsation 1.400x per minute).



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CREAM MACHINE CLEANING PROCEDURE

WEAR PROTECTIVE HAND WEAR WHEN CLEANING THE CREAM MACHINE. USE ONLY SANO DESINFEKT-PLUS. DO NOT RUN THE MACHINE DRY!

Step 1



Switch off green refrigeration button

Step 2



Remove lid

Step 3



Place bucket under nozzle

Step 4



Lift up suction pipe with a paper towel and wipe excess cream

Step 5



Press cream button three short times to empty pipe

Step 6



Remove cream container and suction pipe, wash both thoroughly under hot water

Step 7



Replace suction pipe

Step 8



Fill bucket with 1,5 litre HOT water (max. 50°C)

Step 9



Place bucket into machine

Step 10



Type RA: Push cleaning button. Pre-rinse program starts. / All other Types: Press several times button hand (intermittent flush) until bucket is empty

Step 11



Remove garnishing nozzle

Step 13



Attach cleaning nozzle

Step 14



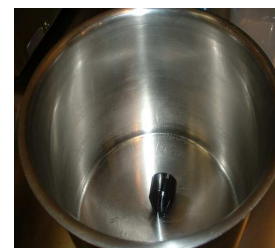
Clean garnishing nozzle under hot running water

Step 15



Wash bowl in hot water, dry and place garnishing nozzle in bowl to avoid loss

Step 16





CREAM MACHINE CLEANING PROCEDURE

WEAR PROTECTIVE HAND WEAR WHEN CLEANING THE CREAM MACHINE. USE ONLY SANO-DESINFEKT-PLUS. DO NOT RUN THE MACHINE DRY!

Step 17



Fill bucket with 1,5 litre hot water (max. 50°C) and add 40 ml (4 cl) SANO-DESINFEKT-PLUS

Step 18



Step 19



Place bucket into machine

Step 20



Type RA: Press cleaning button. Auto-sanitising begins ...

Step 21



... all other types: Press several times button hand (intermittent flush) until bucket is empty

Step 22



Clean bucket and fill in 1,5 litre cold water

Step 23



Place into machine

Step 24



Type RA: Press cleaning button. Final rinse begins / All other types: Press several times ...

Step 25



... button hand (intermittent flush) until bucket is empty

Step 26



Change to cream nozzle

Step 27



Remove waste, clean bucket under hot water

Step 28



Soak a paper towel with Sano-Desinfekt-Plus

Step 29



Wipe all surfaces of cream machine, lid and worktop, dry with a new paper towel - replace bowl and lid

Step 30



Step 31



Step 32



Switch green button on
Your SANOMAT is ready for use!



SAFETY DATA SHEET
(according to EC directive 1907/2006)

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Version: 2.1

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Date: 06.04.2009

SANO-DESINFEKT-Plus

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Trade name: SANO-DESINFEKT-Plus
Usage: Industrial Use

Supplier:
VAIHINGER GmbH
Horstweg 29
65520 Bad Camberg
Germany
Tel.: +49 (0) 6434/9405-0
Fax: +49 (0) 6434/9405-99
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Emergency information:
Please contact your local national advice agency for poisoning appearances and embryo toxicology

2. HAZARDS IDENTIFICATION

Irritant
Dangerous for the environment
Risk advice to man and the environment

Irritating to eyes and skin
Very toxic to aquatic organisms

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Microbicidal amphoteric surfactants in aqueous solution
Hazardous components:

| Components | CAS-No. | EINECS | Symbol(s): | R-phrases | Concentration [%] |
|--|-------------|--------|-------------|-----------|-------------------|
| 1,3 Propanediamine, C10-C16 alkylderivatives, reaction product with 2-chloro acetic acids | 139734-65-9 | | N, C | 22-34-50 | < 10 |

The full text of the R phrases is contained in section 16. All existing information on exposure limits is contained in section 8.

4. FIRST AID MEASURES

General advice: Remove contaminated clothing.
After inhalation: Ensure supply of fresh air.
After contact with skin: In case of contact with skin wash off with soap and water. Consult a doctor if skin irritation persists.
After contact with eyes: In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice
After ingestion: Drink large quantities of water, do not induce vomiting; consult a physician - show this data sheet.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Product itself is does not burn; extinguishing measures to suit surroundings.
Extinguishing media which must not be used for safety reasons: not applicable
Special hazards from the substance itself, its combustion products or from its vapours: *In the event of fire the following can be released:*
- carbon dioxide, carbon monoxide
- Nitrogen oxides (NOx)
Under certain conditions of combustion traces of other toxic substances cannot be excluded
Special protective equipment for firefighters: Use self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment.
Environmental precautions: Do not allow to enter drains or waterways. Do not discharge into the subsoil/soil.
Methods for cleaning up/taking up: Take up with absorbent material (eg sand, kieselguhr, universal binder). Dispose of absorbed material in accordance with the regulations.

7. HANDLING AND STORAGE

Handling



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Advice on safe handling: Ensure adequate ventilation.

Advice on protection against fire and explosion: No special measures required.

Storage

Requirements for storage areas and containers: No special measures required.

Further information: Keep container tightly closed

German storage class: 12

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protection equipment

Hygiene measures: Do not eat, drink or smoke when working. Wash hands before breaks and after work. Do not wear contaminated clothing.

Respiratory protection: None required

Hand protection: PVC gloves

Eye protection: goggles with side pieces

Skin and body protection: light protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid

Colour: yellowish

Odour: slight, typical

Melting temperature: < 0 °C

Boiling temperature: approx. 100 °C

Flash point: not applicable

Ignition temperature: not applicable

Lower explosion limit: not applicable

Upper explosion limit: not applicable

Vapour pressure: not measured

Density: 0,992 - 1,002 g/cm³ at 20 °C

Water solubility: soluble

pH: 7,7 - 8,7 at 20 °C

Viscosity, dynamic: 3 - 13 mPa.s at 20 °C Method: DIN 53015 (Höppler)

10. STABILITY AND REACTIVITY

Thermal decomposition: Not measured

Hazardous reactions: No hazardous reactions with proper storage and handling.

Hazardous decomposition products: None with proper storage and handling.

11. TOXICOLOGICAL INFORMATION

Remarks: Irritates eyes and skin

12. ECOLOGICAL INFORMATION

Further ecological information

Remarks: The product is considered to be a water pollutant (German law). Do not allow to enter soil, waterways or waste water canal.

13. DISPOSAL CONSIDERATIONS

Product: In accordance with local authority regulations, take to special waste incineration plant

Contaminated packaging: If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

14. TRANSPORT INFORMATION - to be applied at single packages higher than 5 litres!

Land transport

ADR:

Class: 9

Packaging group: III

Orange plate: Hazard no.: 90

Substance number: 3082

Description of the goods: 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Hazard release: amphoteric surfactant

Label: 9 miscellaneous substances and articles

RID:

Class: 9

Packaging group: III

Orange plate: Hazard no.: 90

Substance number: 3082

Description of the goods: 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Hazard release: amphoteric surfactant

Label: 9 miscellaneous substances and articles

Inland navigation transport

ADNR:

Class: 9



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Item: M6

Description of the goods: 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Hazard release: amphoteric surfactant

Label: 9 miscellaneous dangerous goods

Sea transport

IMDG:

Class: 9

Packaging group: III UN-No: 3082

EmS: F-A S-F

Correct technical name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Hazard release: amphoteric surfactant

Label: 9 miscellaneous dangerous goods

Air transport

ICAO/IATA:

Class: 9

Packaging group: III UN-No: 3082

Correct technical name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Hazard release: amphoteric surfactant

Label: 9 Miscellaneous dangerous goods

15. REGULATORY INFORMATION

Labelling in accordance with GefStoffV/EC: The product is classified and labelled in accordance with EC directives/German regulations on dangerous substances.

Hazard symbol(s):



XI
Irritant



N
Dangerous for the environment

R-phrase(s): 36/38 Irritating to eyes and skin.
50 Very toxic to aquatic organisms.

S-Phases: 24 Avoid contact with skin.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
28 After contact with skin, wash immediately with plenty of water.
37/39 Wear suitable gloves and eye/face protection.
61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

National legislation / regulations

TA Luft (Germany): Class: Paragraph 5.2.5 (no class)

Observe local authority regulations corresponding to the german incident regulation (StörfallV): 9a

Water contaminating class: 2 (Classification acc. to German law)

Risk classification according to BetrSichV (Germany): ---

Other regulations: Special local regulations must be adhered to when using products containing irritating or corrosive substances.

16. OTHER INFORMATION

none

R-phrases of components from chapter 3 - Full wording

22 Harmful if swallowed.

34 Causes burns.

50 Very toxic to aquatic organisms.

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.