

Summary of product characteristics for a biocidal product

Product name: IODOSAN 18

Product type(s): PT03 - Veterinary hygiene (Disinfectants)

Authorisation number: EU-0020540-0000

R4BP 3 asset reference number: EU-0020540-0010

Table Of Contents

| | |
|---|---|
| Administrative information | 1 |
| 1.1. Trade names of the product | 1 |
| 1.2. Authorisation holder | 1 |
| 1.3. Manufacturer(s) of the biocidal products | 1 |
| 1.4. Manufacturer(s) of the active substance(s) | 1 |
| 2. Product composition and formulation | 2 |
| 2.1. Qualitative and quantitative information on the composition of the biocidal product | 2 |
| 2.2. Type of formulation | 3 |
| 3. Hazard and precautionary statements | 3 |
| 4. Authorised use(s) | 3 |
| 5. General directions for use | 6 |
| 5.1. Instructions for use | 6 |
| 5.2. Risk mitigation measures | 6 |
| 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment | 6 |
| 5.4. Instructions for safe disposal of the product and its packaging | 7 |
| 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage | 7 |
| 6. Other information | 7 |

Administrative information

1.1. Trade names of the product

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|------------|
| IODOSAN 18 |
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1.2. Authorisation holder

Name and address of the authorisation holder

| | |
|----------------------|--------------------------------------|
| Name | Applied Biocide GmbH |
| Address | Siemensstraße 42 59199 Bönen Germany |
| Authorisation number | EU-0020540-0000 1-6 |

R4BP 3 asset reference number

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|-----------------|
| EU-0020540-0010 |
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Date of the authorisation

| |
|------------|
| 25/11/2019 |
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Expiry date of the authorisation

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|------------|
| 31/10/2029 |
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1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer

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|---------------|
| FINK TEC GmbH |
|---------------|

Address of the manufacturer

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|-------------------------------------|
| Oberster Kamp 23 59069 Hamm Germany |
|-------------------------------------|

Location of manufacturing sites

| |
|-------------------------------------|
| Oberster Kamp 23 59069 Hamm Germany |
|-------------------------------------|

1.4. Manufacturer(s) of the active substance(s)

| | |
|--|--|
| Active substance | 1319 - Iodine |
| Name of the manufacturer | Cosayach S.A. Compania de Salitre y Yodo |
| Address of the manufacturer | Amunátegui 178, 7th Floor 8320000 Santiago Chile |
| Location of manufacturing sites | S.C.M. Cosayach Cala Cala 1180000 Pozo Almonte Chile Chile |

| | |
|--|---|
| Active substance | 1319 - Iodine |
| Name of the manufacturer | ACF Minera S.A. |
| Address of the manufacturer | San Martin 499 1100000 Iquique Chile |
| Location of manufacturing sites | Lagunas mine 1180000 Pozo Almonte Chile |

| | |
|--|---|
| Active substance | 1319 - Iodine |
| Name of the manufacturer | Sociedad Quimica y Minera SA |
| Address of the manufacturer | Los Militares 4290 7550000 Las Condes Chile |
| Location of manufacturing sites | Nueva Victoria 1180000 Pozo Almonte Chile |
| | Pedro de Valdivia 1240000 Antofagasta Chile |

2. Product composition and formulation

2.1. Qualitative and quantitative information on the composition of the biocidal product

| Common name | IUPAC name | Function | CAS number | EC number | Content (%) |
|---|--|------------------|------------|-----------|-------------|
| Iodine | | Active Substance | 7553-56-2 | 231-442-4 | 1,75 |
| Phosphoric Acid | Trihydroxidooxidophosphorus phosphoric acid | | 7664-38-2 | 231-633-2 | 3 |
| Poly(oxy-1,2-ethandiyl).alpha.-tridecyl-omega.-hydroxy- | Poly(oxy-1,2-ethandiyl).alpha.-tridecyl-omega.-hydroxy- | | 69011-36-5 | 500-241-6 | 0 |
| Isotridecanol, ethoxylated 90%, C 9-11 Alcohol Ethoxylate | Isotridecanol, ethoxylated 90 %, C 9-11 Alcohol Ethoxylate | | 68439-46-3 | 614-482-0 | 31,8 |

2.2. Type of formulation

meta SPC 6-8: SL - soluble concentrate

3. Hazard and precautionary statements

Hazard statements

May be corrosive to metals.
Harmful if swallowed.
Causes severe skin burns and eye damage.
Causes serious eye damage.
May cause damage to organs thyroid gland through prolonged or repeated exposure .
Harmful to aquatic life with long lasting effects.

Precautionary statements

Keep only in original packaging.
Do not breathe mist.
Do not breathe spray.
Avoid release to the environment.
Wear protective gloves.
Wear protective clothing.
Wear face protection.
IF ON SKIN (or hair):Take off immediately all contaminated clothing.Rinse skin with water.
IF IN EYES:Rinse cautiously with water for several minutes.Remove contact lenses, if present and easy to do. Continue rinsing.
Absorb spillage to prevent material damage.
Store locked up.
Keep out of reach of children.

4. Authorised use(s)

4.1 Use description

Use 1 - Veterinary hygiene - animal husbandry – hard surface disinfectant - professional - indoors - spraying

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|---|---|
| Product type | PT03 - Veterinary hygiene (Disinfectants) |
| Where relevant, an exact description of the authorised use | - |
| Target organism(s) (including development stage) | Scientific name: Bacteria Common name: Bacteria Development stage: not specified Scientific name: Yeasts Common name: Yeasts Development stage: not specified Scientific name: Viruses Common name: Viruses Development stage: not specified |
| Field(s) of use | Indoor |
| Application method(s) | Open system: spray treatment - Disinfectant for hard surfaces in stables (excluding hatcheries). Spraying of diluted concentrate by means of a hand-held knapsack sprayer (4-7 bar) |
| Application rate(s) and frequencies | 100 mL/m ² - Concentration of Iodine in application solution: 750 ppm (0.075%w/w). - Application frequency per year: Dairy cows: 1 Beef cattle: 1 Veal calves: 4 Sows, in individual pens: 5 Sows in groups: 5 Fattening pigs: 3 Laying hens in battery cages without treatment: 1 Laying hens in battery cages with aeration (belt drying): 1 Laying hens in battery cages with forced drying (deep pit, high rise): 1 Laying hens in compact battery cages: 1 Laying hens in free range with litter floor (partly litter floor, partly slatted): 1 Broilers in free range with litter floor: 7 Laying hens in free range with grating floor (aviary system): 1 Parent broilers in free range with grating floor: 1 Parent broilers in rearing with grating floor: 3 Turkeys in free range with litter floor: 2 Ducks in free range with litter floor: 13 Geese in free range with litter floor: 6 |

Category(ies) of users

Professional

Pack sizes and packaging material

Bottle HDPE: 1 liter, cap is made of PP
Jerry can HDPE: 5 - 60 liters
Drum HDPE: 200 liters
IBC HDPE: 600 - 1000 liters

4.1.1 Use-specific instructions for use

Iodosan 30: Mix 29 mL product with 971 mL water to obtain 1 L application solution.
Iodosan 18: Mix 40 mL product with 960 mL water to obtain 1 L application solution.

4.1.2 Use-specific risk mitigation measures

4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

5. General directions for use

5.1. Instructions for use

Always read the label or leaflet before use and follow all the instructions provided.

To prepare the disinfectant solution, mix the liquid product with water. Always pour in water first and then carefully stir in the product.

Use max. 100 mL application solution per m² treated area. Do not prepare more fluid than strictly necessary.

The product shall only be applied in empty (unpopulated) animal houses after surfaces have been thoroughly cleaned with a suitable cleaner.

Pre-cleaning is mandatory. Rinse or wipe the surfaces which will be treated afterwards. Leave them to dry for about 24 up to 36h before disinfection to obtain earth-moist surfaces. Soak installations and equipment thoroughly with a thin layer of the prepared solution by spraying, using suitable devices (4 to 7 bar). During the process and for the duration of contact time (min. 30 minutes), all openings have to be closed and the ventilation has to be switched off.

5.2. Risk mitigation measures

Keep out of reach of children.

The form of the bottle of the product should minimise risk for splashes in order to prevent eye and skin exposure during diluting the product.

During the mixing and loading phase: The use of a face shield and protection gloves (glove material to be specified by the authorisation holder within the product information) is mandatory.

During the application phase of the in use dilution by spraying: Gloves and a protective coverall (at least type X, EN XXXXX) which is impermeable for the biocidal product shall be worn (glove and coverall material to be specified by the authorisation holder within the product information). Use new gloves for each work shift.

Professionals must not carry out animal house disinfection more than 3 times per month. These professionals should not use Iodine products for additional purposes.

Only use one kind of Iodine-containing product per day.

Stable disinfection should not be carried out more than once per year or once per lifetime for calf and pigs. Feeding troughs must be covered during application.

5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

After inhalation: Supply fresh air; consult doctor in case of complaints.
After skin contact: Immediately take off contaminated clothing and wash skin thoroughly.
After eye contact: Immediately rinse opened eye, remove contact lenses, keep rinsing for several minutes under running water. Then consult a doctor.
After swallowing: Rinse out mouth and then drink some water. Do not induce vomiting; call for medical help immediately.
In case of unconsciousness place patient stably in left side position for transportation. Never give anything by mouth to an unconscious individual
When asking for medical advice keep packaging or label at hand and call your local poison control center [insert local number here].

Environmental emergency measures:

Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). To prevent malfunctioning of an individual wastewater treatment plant, possible residues containing the product must be discharged to the manure storage (for spreading on agricultural soils or fermentation into biogas installation) or to the municipal sewer if legally allowed.

Methods and material for containment and cleaning up:

Stop leak if safe to do so. Absorb spillage with liquid-binding material (sand, earth, diatomite, acid binders, universal binders, sawdust) and place in container for disposal according to local / national regulations.

5.4. Instructions for safe disposal of the product and its packaging

At the end of the treatment, dispose unused product and the packaging in accordance with local requirements. Used product can be flushed to the municipal sewer or disposed to the manure deposit depending on local requirements. Avoid release to an individual waste water treatment plant.

European Waste Catalogue: 200130-detergents other than those mentioned in 20 01 29.

5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Store the product away from direct sunlight and in opaque containers. Protect from frost. Keep container tightly closed.

Shelf-life: 24 months in HDPE

6. Other information