

Summary of product characteristics for a biocidal product

Product name: Liq-io 5500

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

PT03 - Veterinary hygiene (Disinfectants)

Authorisation number: EU-0018397-0000

R4BP 3 asset reference number: EU-0018397-0007

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Administrative information

1.1. Trade names of the product

Liq-io 5500
IODYPRO
INO JOD 50 Liquid
Usual Iod Liquid +
IODIUM PRO SPRAY
IODEX
Iodoliquid +
Iodospray Plus
DESINTEAT PLUS
ROBOSPRAY IODE
INOTRAYON
IODYPRO 5500
Robot Liq-io 55
IODYPRO BL5500
ADF iDip+ 5500
HOEVE-JODIUM SPRAY
GRUPAIODE
IODOCAN
JOFO
JODI PLUS
K-AGRO PRODIP ID
IODIP
HELIO IODE SPRAY
MAMMO-JOD
KRONI Jod Spray 5500
MUNGI-IOD
LELY QUARESS-Iodine
GOLD GLYCODIP
EMPRASAN EXTRA CARE
H&M RTU IODINE
ANGLIA FARMERS SUPPLEDIP-IO

PROLAC RTU IODINE TEAT DIP
PREMIER GOLD POST DIP
FULLWOOD IODINE EXTRA
H&M EXTRACARE
M WILLIAMS TEAT DIP
PLATINUM
WDH GOLD DIP RTU
WYNNAN IODINE HE RTU

1.2. Authorisation holder

Name and address of the authorisation holder

| | |
|----------------------|--|
| Name | HYPRED SAS |
| Address | 55, boulevard Jules Verger 35803 DINARD France |
| Authorisation number | EU-0018397-0000 1-5 |

R4BP 3 asset reference number

EU-0018397-0007

Date of the authorisation

11/10/2018

Expiry date of the authorisation

30/09/2028

1.3. Manufacturer(s) of the biocidal products

| | |
|---|---|
| Name of the manufacturer | HYPRED SAS - KERSIA Group |
| Address of the manufacturer | 55, Boulevard Jules Verger - BP10180 35803 DINARD France |
| Location of manufacturing sites | HYPRED SAS - KERSIA Group - 55, Boulevard Jules Verger - BP10180 35803 DINARD France |
| | KERSIA POLSKA SP. Z O.O. NIEPRUSZEWO, KASZTANOWA 4 64320 Buk Poland |
| | KERSIA IBERICA S.L Pol. Miguel Eguía C/Zarapuz s/n 31200 ESTELLA – NAVARRA Spain |
| | KERSIA DEUTSCHLAND GmbH Marie-Curie-Straße 23 53332 Bornheim – Sechtem Germany |
| | HYPRED Italia s.r.l. - KERSIA Group - Strada Montodine-Gombito Loc. Cà Nova 26010 Ripalta Arpina CR Italy |
| | AG France S.A.S – KERSIA Group - Zone Industrielle Le Roineau 72500 VAAS France |
| | KERSIA DEUTSCHLAND GmbH - OBERBRÜHLSTRAßE 16-18 87700 MEMMINGEN Germany |
| | KERSIA AUSTRIA GmbH - PFONGAUERSTRAßE 17 5202 NEUMARKT AM WALLERSEE Austria |
| | Kilco Holdings Ltd – KERSIA Group - Broomhouses 2 Industrial Estate, Old Glasgow Road DG11 2SD LOCKERBIE United Kingdom |
| | Kilco (International) Ltd – KERSIA Group - 1A Trench Road Mallusk, Newtownabbey BT36 4TY CO ANTRIM Ireland |
| Medentech Ltd – KERSIA Group - Clonard Road Y35Y7WY WEXFORD Ireland | |

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

| | |
|--|---|
| Active substance | 1319 - Iodine |
| Name of the manufacturer | COSAYACH : SCM Cía. Cosayach Minera Negreiros, Rut. N°96.625.710-5 |
| Address of the manufacturer | Terrenos de Elena S/N Huara, Región de Tarapacá Chile |
| Location of manufacturing sites | Mined at : S.C.M. Cía. Minera Negreiros, S.C.M. Cosayach Soledad. Refined at : S.C.M. Cía. Minera Negreiros. Pozo Almonte Chile |

| | |
|--|--|
| Active substance | 1319 - Iodine |
| Name of the manufacturer | ACF MINERA SA |
| Address of the manufacturer | San Martín 499 Iquique Chile |
| Location of manufacturing sites | Faena Lagunas KM. 1.722 Ruta A-5, Pozo Almonte Chile |

| | |
|--|---|
| Active substance | 1319 - Iodine |
| Name of the manufacturer | SOCIEDAD QUIMICA y MINERA SA |
| Address of the manufacturer | Los Militares 4290 SANTIAGO DE CHILE Chile |
| Location of manufacturing sites | Pedro de Valdivia (PV) Route B 180 Antofagasta Chile |
| | Nueva Victoria (NV) Route 5 North, Km 1925 Pozo Almonte Chile |

| | |
|--|--|
| Active substance | 1319 - Iodine |
| Name of the manufacturer | ISE Chemicals Corporation |
| Address of the manufacturer | 3-1, Kyobashi 1-Chome Chuo-ku Tokyo Japan |
| Location of manufacturing sites | Shirasato Plant 3695 Kitaimaizumi, Oamishirasato City, Chiba Japan |

| | |
|--|---|
| Active substance | 1319 - Iodine |
| Name of the manufacturer | Nihon Tennen Gas Development Co., Ltd |
| Address of the manufacturer | 661 Mobara 297-8550 Mobara City, Chiba Japan |
| Location of manufacturing sites | Chiba Plant, 2508 Minami Hinata 299-4205 Shirako-Machi, Chosei-Gun, Chiba Japan |

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 | 0,55 |
| Alcohols, C12-14, ethoxylated (11 mol EO average molar ratio) | Poly(oxy-1,2-ethanediyl), -C12-14-(even numbered)-alkyl--hydroxy | Non-active substance | 68439-50-9 | | 4,69 |

2.2. Type of formulation

AL - Any other liquid

3. Hazard and precautionary statements

Hazard statements

Causes serious eye irritation.
Harmful to aquatic life with long lasting effects.

Precautionary statements

Keep out of reach of children.
Wash hands thoroughly after handling.
Wear protective gloves.
Wear protective clothing.
Wear eye protection.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice.
Get medical .

4. Authorised use(s)

4.1 Use description

Use 1 - Use # 5.1 – Manual or automated dipping, foaming or spraying before milking

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:

Scientific name: Yeasts
Common name: Yeasts
Development stage:

Field(s) of use

Indoor

Disinfection of teats of milk producing animals by dipping, foaming or spraying before milking

Application method(s)

Method: Dipping, foaming, spraying
Detailed description:

Manual or automated disinfection of teats by dipping, foaming or spraying before milking

Dipping cup, foaming cup, teat sprayer, automated dipping machine, automated foaming machine or automated spraying machine

Application rate(s) and frequencies

Application Rate: - cows and buffaloes (3 to 10ml : 5 to 8 ml recommended) - sheep (1.5 to 5 ml : 1.5 to 3 ml recommended) - goats (2.5 to 6 ml : 2.5 to 4 ml recommended)

Dilution (%):

Number and timing of application:

Frequency : 2 to 3 times per day

Category(ies) of users

Professional

Pack sizes and packaging material

HDPE JERRYCAN 5, 10, 22 L
HDPE DRUM 60, 120, 220 L

HDPE CONTAINER 1000L

4.1.1 Use-specific instructions for use

Fill the dipping / foaming cup / sprayer manually or automatically with the ready to use product.

Eliminate all visible dirt before applying the product.

Manual or automatic dipping / foaming / spraying on animal's teats on the full length of the teat before milking.

Let the product act at least one minute.

Use the teat cleaning and wiping method systematically before attaching the milking cluster.

See also general instructions for use of meta SPC5.

4.1.2 Use-specific risk mitigation measures

For manual dipping/foaming application : Wear protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information)/ eye protection.

For manual spraying applications wear protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information)/protective clothing /eye protection.

In case a combination of pre- and post-milking disinfection is necessary, using another biocidal product not containing iodine has to be considered for post-milking disinfection.

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

See general directions for use of meta SPC 5

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

See general directions for use of meta SPC 5

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

See general directions for use of meta SPC 5

4.2 Use description

Use 2 - Use # 5.2 – Manual or automated dipping, foaming or spraying after milking

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:

Scientific name: Yeasts
Common name: Yeasts
Development stage:

Scientific name: Algae
Common name: Algae
Development stage:

Scientific name: Viruses
Common name: Viruses
Development stage:

Field(s) of use

Indoor

Disinfection of teats of milk producing animals by dipping, foaming or spraying after milking

Application method(s)

Method: Dipping, foaming, spraying
Detailed description:

Manual or automated disinfection of teats by dipping, foaming or spraying after milking. Dipping cup, foaming cup, teat sprayer, automated dipping machine, automated foaming machine or automated spraying machine.

Application rate(s) and frequencies

Application Rate: - cows and buffaloes (3 to 10ml : 5 to 8 ml recommended) - sheep (1.5 to 5 ml : 1.5 to 3 ml recommended) - goats (2.5 to 6 ml : 2.5 to 4 ml recommended)
Dilution (%):
Number and timing of application:
Frequency : 2 to 3 times per day

Category(ies) of users

Professional

Pack sizes and packaging material

HDPE JERRYCAN 5, 10, 22 L
HDPE DRUM 60, 120, 220 L

HDPE CONTAINER 1000L

4.2.1 Use-specific instructions for use

Fill the dipping / foaming cup / sprayer manually or automatically with the ready to use product.

Manual or automatic dipping / foaming / spraying on animal's teats on the full length of the teat after milking.

Leave the product until next milking. Keep the cows standing until the product has dried. (at least 5 minutes)

At the next milking, use the teat cleaning and wiping method systematically before attaching the milking cluster.

See also general instructions for use of meta SPC 5.

4.2.2 Use-specific risk mitigation measures

For manual spraying applications wear protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information)/protective clothing/eye protection.

In case a combination of pre- and post-milking disinfection is necessary, using another biocidal product not containing iodine has to be considered for pre-milking disinfection.

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

See general directions for use of meta SPC 5

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

See general directions for use of meta SPC 5

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

See general directions for use of meta SPC 5

5. General directions for use

5.1. Instructions for use

See use-specific instructions for each use.

Always read the label or leaflet before use and follow all the instructions provided.
The product must be brought to a temperature above 20°C before use.
The use of a dosing pump for filling the product into the application equipment is recommended.
Where necessary repeat the application at each milking
Clean the application equipment regularly with warm water.

5.2. Risk mitigation measures

See use-specific risk mitigation measures for each use.

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

Take the contaminated clothes and shoes off immediately. Wash them before wearing them again.

FIRST AID INSTRUCTIONS

- In the event of inhalation : Bring to fresh air.
 - In the event of contact with the skin : Wash with water.
 - In the event of contact with the eyes :
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
- In the event of ingestion : Rinse mouth. Do NOT induce vomiting. Get medical advice.
- Refer to the safety data sheet available for professional user : it contains an emergency phone number.

Large spillage : Mark out, dyke up with an inert absorbant and pump in an emergency tank. Keep in suitable, properly labelled and closed containers for disposal. Never return spills in original containers for re-use.

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.
The paper towels used for removing the product and drying the teats are disposed in the normal and domestic waste.

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

Shelf life : 2 years in HDPE
Do not store at a temperature higher than 30°C.

6. Other information