

EN

*ANNEX*

**SUMMARY OF PRODUCT CHARACTERISTICS FOR A BIOCIDAL PRODUCT**

HYPOMEN WATER

**Product type(s)**

PT05: Drinking water

**Authorisation number:** IE/BPA 70775 1-2

**R4BP asset number:** IE-0030069-0005

## 1. ADMINISTRATIVE INFORMATION

### 1.1. Trade name(s) of the product

Trade name(s)	HYPOMEN WATER Aquachlor Granules Water
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### 1.2. Authorisation holder

Name and address of the authorisation holder	Name	Sojitz SOLVADIS GmbH
	Address	Schirmerstr. 76 40211 Dusseldorf Germany
Authorisation number	IE/BPA 70775 1-2	
<i>R4BP asset number</i>	IE-0030069-0005	
Date of the authorisation	16/10/2023	
Expiry date of the authorisation	01/11/2032	

### 1.3. Manufacturer(s) of the product

Name of manufacturer	Hubei Xingrui
Address of manufacturer	29 Changjiang road, Xiaoting - Yichang China
Location of manufacturing sites	Hubei Xingrui - 29 Changjiang road, Xiaoting - Yichang China

Name of manufacturer	Haixing Eno Chemical Co., Ltd.
Address of manufacturer	Haixing Economic Development Area, Haixing County - Hebei Province China
Location of manufacturing sites	Haixing Economic Development Area, Haixing County - Hebei Province China

Name of manufacturer	Sinopec Jiangnan Salt & Chemical Complex
Address of manufacturer	No. 8, Hongqi Road, Wangchang Town, Qianjiang city - Hubei Province China
Location of manufacturing sites	No. 8, Hongqi Road, Wangchang Town, Qianjiang city - Hubei Province China

Name of manufacturer	Tohoku Tosoh Chemical Co., LTD
Address of manufacturer	1-4-16, Ohama Yamagata 998-0064 Sakata City Japan
Location of manufacturing sites	1-4-16, Ohama Yamagata 998-0064 Sakata City Japan

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

Active substance	Active chlorine released from calcium hypochlorite
Name of manufacturer	Sojitz SOLVADIS GmbH
Address of manufacturer	Schirmerstraße 76 40211 Düsseldorf Germany
Location of manufacturing sites	Hubei Xingrui Chemical Co, Ltd, 29 Changjiang road, Xiaoting and NO. 66-2 Xiating road, Xiaoting Dist, - Yichang China

Active substance	Active chlorine released from calcium hypochlorite
Name of manufacturer	REACH24H Consulting Group (Acting for Haixing En o Chemical Co., Ltd. (Chine))
Address of manufacturer	Paramount Court, Corrig Road, Sandyford - Dublin 18 Ireland
Location of manufacturing sites	Haixing Economic Development Area 061200 Haixing County (Hebei Province) China

Active substance	Active chlorine released from calcium hypochlorite
Name of manufacturer	Sinopec Europa GmbH
Address of manufacturer	Friedrich-Ebert-Anlage 49 60308 Frankfurt am Main Germany
Location of manufacturing sites	No. 8, Hongqi Road, Wangchang Town - Qianjiang city (Hubei Province) China

Active substance	Active chlorine released from calcium hypochlorite
Name of manufacturer	TOSOH Europe BV (Acting for TOHOKU TOSOH C hemical Co Ltd)
Address of manufacturer	Amstelplein 1 1096 HA Amsterdam Netherlands (the)
Location of manufacturing sites	4-16, 1-Chome, Ohama 998-0064 Sakata City (Yamagata Prefecture) Japan

Active substance	Active chlorine released from calcium hypochlorite
Name of manufacturer	Chemofom AG (Acting for Nankai Chemical CO., LT D. (Japan))
Address of manufacturer	Heinrich-Otto-Straße 28 73240 Wendlingen am Necka r Germany
Location of manufacturing sites	Nankai Chemical, Tosa Factory, 4-10-1, Sanbashi-dori - Kochi-city (Kochi prefecture) Japan

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## 2. PRODUCT COMPOSITION AND FORMULATION

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

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Active chlorine released from calcium hypochlorite		active substance			65 % (w/w)

### 2.2. Type(s) of formulation

SG - Water soluble granules & ST - Water soluble tablet

### 3. HAZARD AND PRECAUTIONARY STATEMENTS

Hazard statements	H272: May intensify fire; oxidiser. H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H400: Very toxic to aquatic life. EUH031: Contact with acids liberates toxic gas. EUH071: Corrosive to the respiratory tract.
Precautionary statements	P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P220: Keep away from clothing or other combustible materials. P260: Do not breathe dust. P264: Wash hands thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P273: Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection. P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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 centre/doctor. P363: Wash contaminated clothing before reuse. P391: Collect spillage. P405: Store locked up. P501: Dispose of contents to in accordance with local regulations. P370+P378: In case of fire: Use water mist/carbon dioxide/alcohol-resistant foam to extinguish.

## 4. AUTHORISED USE(S)

### 4.1. Use description

**Table 1.**  
**Drinking water suppliers and their water distribution sytem**

Product type	PT05: Drinking water
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: no data Common name: Bacteria Development stage: no data  Scientific name: no data Common name: Virus Development stage: no data
Field(s) of use	indoor use  Disinfection of water during drinking water treatment in water plants of drinking water suppliers, during transport in between drinking water facilities, and prior to distribution into (part) of the communal piping system (primary disinfection). Products can also be added by drinking water suppliers to the previously-treated water already in the public distribution network to ensure that an adequate disinfectant residual is maintained throughout the system (secondary disinfection). The products are injected into the circulating systems to disinfect drinking water.
Application method(s)	Method: Injection  Detailed description: -
Application rate(s) and frequency	Application rate: 0.5 mg/L  Dilution (%): -  Number and timing of application: 0.5 mg/L av Cl2
Category(ies) of users	industrial ; professional
Pack sizes and packaging material	- Bottle in HDPE (1-2 kg), in PP (2-3.3-4 kg). - Can in HDPE (1 kg). - Jerrican in PP (4 kg). - Bucket in PP (1-2-3-4-5-10-25-40-45 kg), in PP/PE (10-25-40-45 kg), in HDPE (10-25-40-45 kg).

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#### 4.1.1. Use-specific instructions

- National limits on the applied concentration of available chlorine in the water may apply.

#### 4.1.2. Use-specific risk mitigation measures

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#### 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

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

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

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#### 4.2. Use description

**Table 2.**  
**Collective drinking water systems**

Product type	PT05: Drinking water
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: no data Common name: Bacteria (including Legionella spp) Development stage: no data
Field(s) of use	indoor use  The products are injected into the circulating systems to disinfect drinking water.
Application method(s)	Method: Injection  Detailed description: -
Application rate(s) and frequency	Application rate: 1 mg/L  Dilution (%):

	- Number and timing of application: Continuous treatment: 1 mg/L av Cl <sub>2</sub>
Category(ies) of users	industrial ; professional
Pack sizes and packaging material	- Bottle in HDPE (1-2 kg), in PP (2-3.3-4 kg). - Can in HDPE (1 kg). - Jerrican in PP (4 kg). - Bucket in PP (1-2-3-4-5-10-25-40-45 kg), in PP/PE (10-25-40-45 kg), in HDPE (10-25-40-45 kg).

#### **4.2.1. Use-specific instructions**

- National limits on the applied concentration of available chlorine in the water may apply.

#### **4.2.2. Use-specific risk mitigation measures**

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#### **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**

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

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

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## 5. GENERAL DIRECTIONS FOR USE<sup>1</sup>

### 5.1. Instructions for use

- Always read the label or leaflet before use and follow all the instructions provided.
- Respect the conditions of use of the product (concentration, contact time, temperature, pH, etc.).
- Inform the registration holder if the treatment is ineffective.

### 5.2. Risk mitigation measures

- Wear protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information), coverall (material to be specified by the authorisation holder within the product the product information) and eye protection during mixing and loading task (packaging higher than 10kg) and post-application task (maintenance, contact with solid).
- Wear RPE at minima APF 20 (type to be specified by the authorisation holder within the product information) during manipulation of the product for the mixing and loading task (packaging higher than 10kg) (user and bystander).
- No PPE is needed for mixing and loading task (packaging below or equal to 10kg) with a tool (scoop or similar). This tool must have a handle and must not be in contact to the product (must not be stored inside the packaging). Decanting should be avoided. Wash hands after use and avoid contact with skin and eyes.
- General public should not be present during mixing and loading task.
  
- For food commodities, make sure that the concentration of chlorate present in food does not exceed the MRL values set by EU Commission (Reg. (EU) 2020/749).
- Ensure that the concentration of chlorine in drinking water does not exceed national chlorine limit before consumption.
  
- Ensure that the concentration of chlorate present in drinking water does not exceed the parametric values set in Directive 2020/2184.

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

- IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.
- IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance.
- Information to Healthcare personnel/doctor:
  - The eyes should also be rinsed repeatedly on the way to the doctor if eye exposure to alkaline chemicals (pH > 11), amines and acids like acetic acid, formic acid or propionic acid.
- IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.
- IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing. If symptoms: Call 112/ambulance for medical assistance. If no symptoms: Call a POISON CENTRE or a doctor.
- In case of impaired consciousness place in recovery position and seek medial advice immediately.
- Keep container or label available.

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<sup>1</sup>Instructions for use, risk mitigation measures and other directions for use under this section are valid for any authorised uses.

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

- Do not discharge unused product on the ground, into water courses, into pipes (sink, toilets...) nor down the drains.
- Dispose of unused product, its packaging and all other waste, in accordance with local regulations.

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

- Shelf life: 20 months.
- Store below 30 °C.
- Store away from light.
  
- Store in a dry place.

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## **6. OTHER INFORMATION**