

Summary of product characteristics for a biocidal product

Product name: Neutralac® SL25

Product type(s): PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)

Authorisation number: FR-2021-0006

R4BP 3 asset reference number: FR-0019326-0000

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	2
3. Hazard and precautionary statements	2
4. Authorised use(s)	3
5. General directions for use	5
5.1. Instructions for use	5
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	7
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	8
6. Other information	8

Administrative information

1.1. Trade names of the product

NEUTRALAC® SL25

1.2. Authorisation holder

Name and address of the authorisation holder	Name	Chaux de la Tour
	Address	1 chemin des Chaux de la Tour 13820 Ensues La Redonne France
Authorisation number	FR-2021-0006	
R4BP 3 asset reference number	FR-0019326-0000	
Date of the authorisation	16/02/2021	
Expiry date of the authorisation	15/02/2031	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	Chaux de la Tour
Address of the manufacturer	1 chemin des Chaux de la Tour 13820 Ensues La Redonne France
Location of manufacturing sites	1 chemin des Chaux de la Tour 13820 Ensues La Redonne France

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

Active substance	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
Name of the manufacturer	Chaux de la Tour
Address of the manufacturer	1 chemin des Chaux de la Tour 13820 Ensues La Redonne France
Location of manufacturing sites	1 chemin des Chaux de la Tour 13820 Ensues La Redonne France

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 (%)
Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime		Active Substance	1305-62-0	215-137-3	25

2.2. Type of formulation

SD - Suspension concentrate for direct application
--

3. Hazard and precautionary statements

Hazard statements	<p>Causes skin irritation.</p> <p>Causes serious eye damage.</p> <p>May cause respiratory irritation.</p>
Precautionary statements	<p>IF ON SKIN:Wash with plenty of .</p> <p>IF IN EYES:Rinse cautiously with water for several minutes.Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>Immediately call a .</p> <p>Avoid breathing .</p>

Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear .

IF INHALED:Remove person to fresh air and keep comfortable for breathing.

Call a if you feel unwell.

Specific treatment (see on this label).

If skin irritation occurs:Get medical .

Take off contaminated clothing.And wash it before reuse.

Store in a well-ventilated place.Keep container tightly closed.

Store locked up.

Dispose of to .

4. Authorised use(s)

4.1 Use description

Use 1 - Disinfection of sewage sludge

Product type	PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)
Where relevant, an exact description of the authorised use	The product is dosed into the sewage sludge and mixed by means of a blender. The treated sludge may have three destinations - agricultural use, incineration or landfill.
Target organism(s) (including development stage)	<p>Scientific name: Bacteria Common name: Bacteria Development stage:</p> <p>Scientific name: Yeast Common name: Yeast Development stage:</p> <p>Scientific name: Fungi Common name: Fungi Development stage:</p> <p>Scientific name: Viruses Common name: Viruses Development stage:</p> <p>Scientific name: nematode eggs Common name: nematode eggs Development stage:</p>
Field(s) of use	<p>Indoor</p> <p>Outdoor</p>

Application method(s)

Method: Automatic or semi-automatic direct application
Detailed description:
-

Application rate(s) and frequencies

Application Rate: -
Dilution (%): /
Number and timing of application:
The product is mixed with the sewage sludge in an open mixer. The product can be loaded using semi- or fully automated processes.

Contact time: 1 to 24 hrs for bacteria, yeast, fungi and viruses, to several weeks for nematodes eggs

Category(ies) of users

Professional

Pack sizes and packaging material

IBC made of HDPE (1 m3) equipped with an electrical stirrer or with a recirculating pump.

Container made of stainless steel up to 25 t equipped with an electrical stirrer (IDRA container).

4.1.1 Use-specific instructions for use

-

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

- The dose must be high enough to achieve a pH of > 12 during the exposure time needed.

- Application rate recommended:

Apply at 0.7 litres – 6.9 litres of product containing 25% w/w Ca(OH)₂ per m³ of sludge (0.8 kg - 8 kg of product containing 25% w/w Ca(OH)₂ per kg of dry weight sludge).

- The application dose should be set to achieve a rate of 20 - 50% of the dry solids weight of sludge.

- The rate may vary between applications. The user should ensure efficacy of the treatment with laboratory trials.

- Comply with the instructions for use.

- Refer to hygiene plan in place in order to ensure that necessary efficacy level is achieved.

- The users should inform if the treatment is ineffective and report straightforward to the registration holder.

- The product is used as provided.

- Application is semi-automated.

- The products should be agitated before application and should be kept under continuous agitation in order to avoid deposits during the application.

- Rinsed several times the commercial packaging with water after use.

- Used commercial packaging for milk of lime or related Lime product only.

5.2. Risk mitigation measures

- For Mixing and loading :
 - o Minimisation of splash and spills,
 - o Avoid contact with contaminated tools and objects
 - o Wear appropriate gloves, protection coverall and goggles during loading of the product
- During the manipulation of treated sewage sludge:
 - o Wear protective gloves and protection coverall during the manipulation of treated sewage sludge.
 - o During the treatment of sewage sludge, the wear of air fed or canister RPE specific for Ammonia gas, is recommended in absence of collective management measures to estimate and prevent an exposure greater than the PEL of 14 mg/m³ for this gas. During the cleaning step, we consider the concentration of Ammonia to be below than the one during the application step. Therefore, the wear of an APF40 at minima is considered conservative enough during the cleaning of the equipment.
- During cleaning of the equipment:
 - o Wear appropriate gloves, protection coverall and goggles during cleaning of equipment
 - o Wear respiratory mask adapted to reduce the exposure to dust (AFP 40 at minima) and ammoniac release.

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

- Impaired consciousness: do not give fluids or induce vomiting; place in recovery position and seek medical advice immediately.
- Keep the container or label available.
- Inhalation: Remove victim to fresh air and keep at rest in a half-sitting position. Seek medical advice immediately if symptoms occur and/or large quantities have been inhaled.
- Mouth contact/Ingestion: Wash out mouth with water. Seek medical advice immediately if symptoms occur and/or in case of mouth contact with large quantities.
- Skin contact: Remove contaminated clothing and shoes. Wash contaminated skin with water. Get medical attention if symptoms occur.
- Eye contact: Immediately flush with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses if easy to do. Continue to rinse with tepid water for at least 10 minutes. Get medical attention if irritation or vision impairment occurs.

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: 1 month.
- Protect from frost.
- Do not store at a temperature higher than 30°C.
- Keep away from acids.

6. Other information

-