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STP No. 031 /2022
It replace STP No. 031/2019

TECHNICAL SPECIFICATION FOR PRODUCT CHLORIDE OF LIME



1. GENERALITIES

1.1. COMMERCIAL NAME: CHLORIDE OF LIME

1.2. CHEMICAL NAME: CHLORIDE OF LIME

1.3. FIELD OF USAGE: Product is used for disinfection and treatment of drinking water, surface disinfection, for veterinary hygiene purposes such as disinfectants. (Romanian approval as biocidal no. 4605BIO/02, 4604BIO/03, 1500 BIO/05).

The product is in the form of dust with slight agglomerations, it has white to light grey or white-yellowish color, with light clusters.

2. TECHNICAL CONDITIONS FOR QUALITY

Nr. crt.	Property	MU	Conditions for admissibility		Analysis methods
			Type I	Type II	
1.	Active chlorine content	%	min. 30	min. 26	STAS 932-1975

3. PACKING

Product is packed in:

- polyethylene bags with valve, introduced in sewed polypropylene bags, having the mass of 25 ± 0.25 kg or/and 30 ± 0.3 kg, or other packages according to the client request;

APPROVAL DATE 29.07.2022	DATE OF COMING INTO FORCE 27.07.2022
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4. MARKING, HANDLING, STORAGE, TRANSPORT, DOCUMENTS

4.1. Marking of packages is done by templating/labeling at visible places with the following specifications:

- name of manufacturing company
- product name according to STP no. 031/2022
- lot number
- signal word
- pictogram: pictogram code, graphic sign of hazard pictogram
- hazard statements (H...)
- precautionary statements (P...)
- CAS number corresponding with Chemical Abstract Service register
- EC No corresponding with the EINECS number
- net mass
- manufacturing date
- validity term
- warning sign for handling when storage and transport:
- "Comburent, inorganic, corrosive solid product" (label no. 5.1 and no. 8 according to ADR/RID in force)
- "Dangerous for the environment" (label according to ADR/RID in force)
- "Keep away from humidity" (label no. 10 according to EN ISO 780, last edition)
- "Temperature limit: max 25 °C" (label no. 14 according to EN ISO 780, last edition)

4.2. Handling require cautions applicable for a comburent product.

Protective equipment used: gas mask with chlorine filtering cartridge, dust mask, rubber gloves, anti-acid overall, acid resistant rubber boots.

Avoid handling, storage and transport together with: combustible substances (paper, sawdust, wood), organic substances (alcohols, glycols, turpentine), sulfur, acetic acid, acetylene, carbon dioxide from air, amines, urea.

4.3. Product is stored and kept in its original package (tightly closed), in clean and dry warehouses away from humidity, direct action of any heating sources and from the incompatible substances. Recommended temperature in warehouses is around 25 °C. Packaging integrity and properly temperature during the transportation and storage ensure the product stability.

4.4. Product transport is made by covered means of transport separate from other chemical products or foods.

According to the ADR/RID last edition, the product is included within hazard class /classification code 5.1/OC2, inorganic solid, corrosive and comburent (oxidizing), identification number: UN 3486, hazard identification number HI: 58 - comburent, inorganic, corrosive solid. Hazard label applied is no. 5.1 – comburent (oxidizing), 8- corrosive, dangerous for environment.



4.5. Each lot of product will be accompanied by a document for quality certification prepared according to the legal provisions in force.

5. VALIDITY TERMS

In conditions for storage and transport provided at item 4 validity term of the product is of **12 months from the manufacturing date**. During the validity period is accepted a maximum 5% lower active chlorine content.

6. RULES FOR QUALITY CHECKING

6.1. Checking of quality is made by:

- check lot

The lot checking made up of:

- determination of chlorine content

6.2. Size of a lot is of maxim 25000 kg.

6.3. At checking, product has to meet all the technical conditions for quality provided at chapter no 2.

6.4. Checking of product characteristics is made by an average representative sample, formed by some elementary samples that were sampled, according to schedule for quality checking AQL = 0.1 simple sampling, severely level checking.

6.5 The inspection concerning net mass and the mode of product marking is made according to the schedule for quality checking AQL = 2.5 simple sampling, severely level checking.

SUPPLIER:

Technical Office	Signature/ Date	Chief of Technical Office	Signature/ Date
eng. Adriana Prisacariu	2/27.02.22	eng. Camelia Banica	2/27.02.22