

*Solution for Water Treatment*

*"I Sali della vita" Line*

TECHNICAL SPECIFICATIONS No. 727

**I SALI DELLA VITA MgKI**

**BIOSTART**

**GRANULES**

**MIX OF MAGNESIUM AND POTASSIUM MINERAL SALTS AND TRACE ELEMENTS ESSENTIAL FOR RECONSTRUCTING HOMEOSTATIC SOLUTIONS FOR BATHING PURPOSES. CONTAINS STABILISING AGENTS OF CHLORINE AND ANTI SCALE. TO BE USED ESPECIALLY FOR THE 1ST STAGE OF INITIALISATION OF SWIMMING POOLS AND SPAS WITH DISINFECTION SYSTEMS BASED ON SALT STERILISERS**

**CHARACTERISTICS:**

THE BENEFICIAL CHARACTERISTICS OF MAGNESIUM AND POTASSIUM SALTS HAVE BEEN WELL KNOWN SINCE ANCIENT TIMES. THE ADDITION OF TRACE ELEMENTS WITH A STRONG BIOLOGICAL ACTION MAKES IT EASIER TO REPRODUCE IN SWIMMING POOLS AND SPAS THE BENEFICIAL ASPECTS OF MOST MAGNESIUM ALKALINE SPA WATERS.

**USE AND DOSES:**

**SPAS AND SWIMMING POOLS WITH DISINFECTING SYSTEMS BASED ON ELECTROLYSIS CHLORINATORS:**

**STAGE 1:** FILL THE SWIMMING POOL USING FRESH WATER. USE "BIOSTART SALI DELLA VITA" GRANULES, FOLLOWING THE MANUFACTURER'S INSTRUCTIONS FOR THE EQUIPMENT, GENERALLY BETWEEN 5000 AND 6000g/m<sup>3</sup>

**STAGE 2:** IN ORDER TO REINGEGRATE THE SALTS DISPERSED DURING BACKWASHING, USE "I SALI DELLA VITA ACQUA MADRE" LIQUID UNTIL YOU ACHIEVE THE CONDUCTIVITY REQUIRED.

**SPECIFIC WARNINGS:**

**DO NOT ADD WATER OR OTHER SUBSTANCES TO THE PRODUCT. DISSOLVE THE PRODUCT DIRECTLY INTO LARGE VOLUMES OF WATER, POURING IT IN VERY SLOWLY.**

**RECOMMENDATIONS: USE IN WATER WITH NO IRON, ALUMINIUM OR PHOSPHATE CONTENT. AVOID USE OF FLOCCULATING AGENTS AND TRIPLE ACTION TABLETS OR COPPER BASED ANTI-ALGAE.**

WHILE "I SALI DELLA VITA" SOLUTIONS ARE LESS CORROSIVE THAN OTHER SIMILAR SODIUM CHLORIDE BASED SOLUTIONS (COMMON SALTS) WITH THE SAME CONCENTRATION LEVEL, THE PRODUCT SHOULD ONLY BE USED IN SWIMMING POOLS AND CIRCUITS SUITABLE FOR WORKING WITH HIGH SALINE LEVELS; ITS USE IS, THEREFORE, ONLY RECOMMENDED IN POOLS WITH PLASTIC CIRCUITS, FIBREGLASS AND LINER WALLS AND WHERE ANY METAL ACCESSORIES ARE MANUFACTURED WITH ANTI-CORROSIVE MATERIALS (FOR EXAMPLE AISI 316L STEEL).

**PHYSICAL AND CHEMICAL CHARACTERISTICS**

APPEARANCE:	GRANULES AND POWDER
COLOUR:	WHITE
DISSOLVABLE IN WATER:	FULLY
Ph slx 10%:	7.1

**CHECKS:**

THE CONCENTRATION OF THE PRODUCT IN SOLUTION CAN EASILY BE CONTROLLED VIA THE SOLUTION'S CONDUCTIVITY.

**LEGAL REFERENCES:**

- Legislative Decree 04/08/1999 no. 339
- Legislative Decree 25/01/1992 no. 105
- Royal decree no. 1924 of 28/09/1919

**WARNINGS AND POSSIBLE RISKS**

CLASSIFICATION NOT DANGEROUS

**EXPOSURE CHECK/INDIVIDUAL PROTECTION**

BREATHING PROTECTION: AVOID INHALATION OF DUST AT THE DILUTION AND HANDLING STAGE  
HAND PROTECTION: RUBBER GLOVES  
EYE PROTECTION: FULL PROTECTION GOGGLES  
BODY PROTECTION: PROTECTIVE CLOTHING

**HANDLING AND STORAGE**

STORE THE PRODUCT IN A COOL, DRY PLACE AT ROOM TEMPERATURE.

**FIRST AID MEASURES**

SKIN: WASH WELL WITH WATER

EYES: RINSE WELL WITH WATER KEEPING EYELIDS OPEN

SWALLOWING: THOROUGHLY RINSE MOUTH AND DRINK PLENTY OF WATER

DUST INHALATION: TAKE THE PERSON AFFECTED INTO THE OPEN AIR

**COMPOSITION:**

THE PARTICULAR FORMULATION OF SALI DELLA VITA ALLOWS YOU TO KEEP A RATIO BETWEEN MAGNESIUM, POTASSIUM AND IODINE SIMILAR TO THAT FOUND IN DEEP WATERS. THE PRESENCE OF AN ANTI-SETTLING FACTOR PREVENTS THE INCONVENIENCE OF THE SALTS SINKING, PROLONGS THE LIFE OF THE ELECTROLYTIC SYSTEMS AND PROTECTS THE METAL SURFACES. THE PRESENCE OF CHLORINE STABILISING AGENTS INCREASES THE POTENTIALITY OF THE CHLORINATION AND ELECTROLYSIS SYSTEMS.

**PACKAGING**

25 KG BUCKET, 10 KG BUCKET

**TRANSPORT INFORMATION**

ROAD TRANSPORT: ADR / RID NOT APPLICABLE

I SALI DELLA VITA BIOSTART STN

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BARCHEMICALS S.r.l. reserves the right to change the formulation of this product at any time and without prior warning.  
The new technical specifications automatically render null and void any previous ones.

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