

Safety Data Sheet (SDS)

Lirio Biológico Powder Enzymatic Detergent

1. IDENTIFICATION

PRODUCT NAME	Lirio Biológico Powder Enzymatic Detergent
PRODUCT IDENTIFIER	012388000053 / 012388000039 / 012388000183 / 012388000046 (Barcode)
PRODUCT TYPE	Finished Product - Consumer (retail) use only
RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE	Laundry Detergent. Use only as directed on label
NAME, ADDRESS, WEBSITE AND TELEPHONE NUMBER OF THE CHEMICAL MANUFACTURER, IMPORTER, OR OTHER RESPONSIBLE PARTY	Sánchez y Martín, S.A. de C.V. Av. 8 de julio 2217, Zona Industrial, C.P. 44940, Guadalajara, Jalisco, México. 1 833 6040 271 / www.sym.com.mx
EMERGENCY PHONE NUMBER	CHEMTREC (USA/CA): 1-800-424-9300 (24 hour)

2. HAZARD(S) IDENTIFICATION

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This Safety Data Sheet is being provided as a courtesy to help assist in the safe handling and proper use of the product.

This product is classified under 29 CFR 1910.1200(d) as follows:

Hazard Classification: Eye Damage / Eye Irritation (Category 2A).

Signal Word: Warning.

Hazard Statements: Causes serious eye irritation.

Hazard Pictograms:



Precautionary statements - Prevention: Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

Precautionary statements - Response: IF IN EYES: Thorough rinsing for 15 - 20 minutes of the affected eye with water is recommended. If discomfort or irritation persists, contact a physician. IF SWALLOWED: Get immediate medical attention.

Precautionary statements - Storage: Keep plastic bag tightly closed.

Precautionary statements - Disposal: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Other hazards: None known.

**Document Identification**

Issuing date: 05/01/2023

Revision Number: 0

DP-IS-042

Safety Data Sheet (SDS)

Lirio Biológico Powder Enzymatic Detergent

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients are listed according to 29 CFR 1910.1200 Appendix D:

*Chemical Name	Trade Secret	CAS No.	% Weight
Sodium Sulfate	No	7757-82-6	50 – 70
Sodium Dodecylbenzenesulfonate	No	25155-30-0	10 – 20
Sodium Silicate	No	1344-09-8	10 – 20
Sodium Carbonate	No	497-19-8	5 – 15
Subtilisin	No	9014-01-1	0.1 – 1

*The specific chemical identity and/or exact percentage (concentration) of composition has been withheld because a trade secret is claimed in accordance with paragraph (i) of §1910.1200.

4. FIRST-AID MEASURES

FIRST AID MEASURES FOR DIFFERENT EXPOSURE ROUTES	EYE CONTACT: Thorough rinsing for 15 - 20 minutes of the affected eye with water is recommended. If discomfort or irritation persists, contact a physician. SKIN CONTACT: None under normal use. INGESTION: If swallowed: get immediate medical attention. INHALATION: None under normal use.
MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED	None under normal use conditions.
INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
UNSUITABLE EXTINGUISHING MEDIA	None Known.
SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS	As in any fire. Use the full protective gear.
SPECIFIC HAZARDS ARISING FROM THE CHEMICAL	None Known.

**Document Identification**

Issuing date: 05/01/2023

Revision Number: 0

DP-IS-042

Safety Data Sheet (SDS)

Lirio Biológico Powder Enzymatic Detergent

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES	None under normal use conditions.
METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP	No information available.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING	Use as directed on product label.
CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES	Keep product tightly closed in a dry, cool and well-ventilated place. Incompatible products: No information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA PERMISSIBLE EXPOSURE LIMIT (PEL), AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS (ACGIH) THRESHOLD LIMIT VALUE (TLV), AND ANY OTHER EXPOSURE LIMIT USED OR RECOMMENDED BY THE CHEMICAL MANUFACTURER, IMPORTER, OR EMPLOYER PREPARING THE SAFETY DATA SHEET, WHERE AVAILABLE	No information available.
APPROPRIATE ENGINEERING CONTROLS	No information available.
INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT	Respiratory protection (Distribution, Workplace and Household Settings): Use only with adequate ventilation. Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Eye Protection (Distribution, Workplace and Household Settings): Goggles or other protective eye wear may be worn for protection. Hand Protection (Distribution, Workplace and Household Settings): For sensitive skin or prolonged use, wear gloves. Skin and Body Protection (Distribution, Workplace and Household Settings): No special protective equipment required.

Safety Data Sheet (SDS)

Lirio Biológico Powder Enzymatic Detergent

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Powder	FLAMMABILITY (SOLID, GAS)	Not available
COLOR	White with colored speckles green and blue	UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	Not available
PHYSICAL STATE	Solid	VAPOR PRESSURE	Not available
ODOR	Pleasant fragrance	VAPOR DENSITY	Not available
ODOR THRESHOLD	Not available	RELATIVE DENSITY	Not available
pH (1 %)	10.0 – 11.0 (25 °C)	SOLUBILITY(IES)	water
MELTING POINT/FREEZING POINT	Not available	PARTITION COEFFICIENT: N-OCTANOL/WATER	Not available
INITIAL BOILING POINT AND BOILING RANGE	Not available	AUTO-IGNITION TEMPERATURE	Not available
FLASH POINT	Not available	VISCOSITY	Not available
EVAPORATION RATE	Not available	OTHER	Not available

10. STABILITY AND REACTIVITY

REACTIVITY	None under normal use and storage conditions.
CHEMICAL STABILITY	Stable under normal pressure and temperatura conditions.
HAZARDOUS REACTIONS	None known.
HAZARDOUS POLYMERIZATION	None under normal processing.
CONDITIONS TO AVOID	Extremes of temperature and direct sunlight.
INCOMPATIBLE MATERIALS	None known.
HAZARDOUS DECOMPOSITION PRODUCTS	None known.

11. TOXICOLOGICAL INFORMATION

INFORMATION ON THE LIKELY ROUTES OF EXPOSURE	Inhalation: No known effect. Skin contact: No known effect. Ingestion: Harmful if swallowed. Eye contact: Irritating product. Avoid contact with eyes.			
SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS	No information available.			
DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS FROM SHORT- AND LONG-TERM EXPOSURE	No information available.			
NUMERICAL MEASURES OF TOXICITY (SUCH AS ACUTE TOXICITY ESTIMATES)	Hazardous Component(s)	CAS No.	Oral LD50	Immediate and Delayed Health Effects
	Sodium Sulfate	7757-82-6	Oral LD50 (RAT) = 2,500 mg/kg	Irritant

**Document Identification**

Issuing date: 05/01/2023

Revision Number: 0

DP-IS-042

Safety Data Sheet (SDS)

Lirio Biológico Powder Enzymatic Detergent

	Sodium Dodecylbenzenesulfonate	25155-30-0	Oral LD50 (RAT) = 2,000 mg/kg	Irritant
	Sodium Silicate	1344-09-8	Oral LD50 (RAT) = 1,500 – 3,200 mg/kg	Irritant
	Sodium Carbonate	497-19-8	Oral LD50 (RAT) = 2,800 mg/kg Dermal LD50 (RABBIT) > 2000 mg/kg	Irritant
	Subtilisin	9014-01-1	Oral LD50 (RAT) = 1,800 mg/kg	Irritant

CARCINOGENICITY INFORMATION No information available.

12. ECOLOGICAL INFORMATION

ECOTOXICITY	The product is not dangerous to the environment, but it should not be released into it.
PERSISTENCE AND DEGRADABILITY	No information available.
BIOACCUMULATIVE POTENTIAL	No information available.
MOBILITY	No information available.
OTHER ADVERSE EFFECTS	No information available.

13. DISPOSAL CONSIDERATIONS

THIS SECTION PROVIDES GUIDANCE ON PROPER DISPOSAL PRACTICES, RECYCLING OR RECLAMATION OF THE CHEMICAL(S) OR ITS CONTAINER, AND SAFE HANDLING PRACTICES.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

No information available.

15. REGULATORY INFORMATION

THIS SECTION IDENTIFIES THE SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE PRODUCT THAT IS NOT INDICATED ANYWHERE ELSE ON THE SAFETY DATA SHEET.

California Prop. 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

**Document Identification**

Issuing date: 05/01/2023

Revision Number: 0

DP-IS-042

Safety Data Sheet (SDS)

Lirio Biológico Powder Enzymatic Detergent

California Cleaning Product Right to Know Act of 2017 (SB 258)

This regulation applies to this product.

New York State Senate Bill S4389B

This regulation applies to this product.

The ingredients of this product are reported in the following inventories

United States TSCA Inventory: All substances listed as active on the TSCA inventory.

16. OTHER INFORMATION

Keep out of reach of children.

Avoid that the material comes in contact with natural sources of water since it promotes the formation of foam.

SPECIAL INDICATIONS:

This Safety Data Sheet apply for all products denominated Lirio Biológico Powder Enzymatic Detergent in their different presentations.

DISCLAIMER:

This information is offered in good faith. The information is considered correct, but is not exhaustive and will be used only as guidance which is based on the current knowledge of the product. In addition, the information related to this product may have variations, if it is used in combination with other substances. It is the responsibility of the user to apply and interpret the information contained in this document.

Issuing data: 01/05/2023

Revision Number: 0

END OF SAFETY DATA SHEET