



**BIONAT IND. E COM. DE COSMÉTICOS EIRELI - ME**  
**MATERIAL SAFETY DATA SHEET - MSDS**

MSDS NUMBER  
**BIO - 062**  
 LAST REVISION  
**July 6, 2016**

**SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Identifier:	ALIZZE ORTHOMOLECULAR NANO SYSTEM - COLOR TREATED DEFRIZZER		[WHMIS Classification]:		
Product Use:	PROFESSIONAL USE ONLY, HAIR STRAIGHTENING				
Manufacturer's Name:	Bionat Industria e Comercio de Cosméticos Eireli - ME		Supplier's Name:	Bionat USA, LLC	
Street Address:	Rua Adolfo Severino Candido, 46 - Carapicuíba		Street Address:	7200 Lake Ellenor Drive Suite 144	
City:	Carapicuíba, Sao Paulo	Province:	SP	City:	Orlando
Postal Code	06340-690	Country:	BR	Postal Code:	32809
Date MSDS Prepared	3-Jun-2016	MSDS Prepared By:	Andre Luis Ferasso Damasceno	Emergency Phone:	1 800-414-1016
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**SECTION 2 — HAZARDS IDENTIFICATION**

Route of Entry:  Skin Contact  Skin Absorption  Eye Contact  Inhalation  Ingestion

Emergency Overview: NFPA RATING: Health: 0, Flammability:0, Reactivity:0, Other Information: N/A.

[WHMIS Symbols]:

Potential Health Effects: This product is classified as: Non flammable, non-hazardous according to criteria of ASCC, ADG and Euroepan Comission "Cosmetics Directive" 76/768/ECC and Cosmetic Ingredients Review

***This product is Non-Hazardous and Non-Dangerous.***

**SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous Ingredients ( <i>specific</i> )	%	CAS Number	Exposure Limit in the Air (ppm)		
			ACGHI	NOHSC	OSHA
Water (Aqua)	40-60%	7732-18-5	NA	NA	NA
Glyoxylic Acid	20-40%	298-12-4	NA	NA	NA
Paraffinum Liquidum	1-5%	8012-95-1	NA	NA	NA
Petrolatum	1-5%	8009-03-8	NA	NA	NA
Cetrimonium Chloride	1-5%	112-02-7	NA	NA	NA
Cetearyl Alcohol	1-5%	67762-27-0	NA	NA	NA
Propylene Glycol	1-5%	57-55-6	NA	NA	NA
Vegetable keratin (Quad Force Complex)	0.5-1%	70084-87-6	NA	NA	NA
Isopropyl Palmitate	0.5-1%	142-91-6	NA	NA	NA
Cyclopentasiloxane	0.5-1%	541-02-6	NA	NA	NA
Dimethicone	0.5-1%	63148-62-9	NA	NA	NA
Dimethiconol	0.5-1%	31692-79-2	NA	NA	NA
Dimethicone Crosspolymer	0.5-1%	NA	NA	NA	NA
Hydrolyzed Collagen	0.5-1%	68410-45-7	NA	NA	NA
Polyquaternium-37	0.1-0.5%	26161-33-1	NA	NA	NA
Propylene Glycol Dicaprylate/Dicaprate	0.1-0.5%	68583-51-7	NA	NA	NA
PPG-1 Trideceth-6	0.1-0.5%	NA	NA	NA	NA
Fragrance (Parfum)	0.1-0.5%	NA	NA	NA	NA

**SECTION 4 — FIRST AID MEASURES**

Skin Contact: Discontinue use of product. Apply cold compresses to affected areas to relieve any discomfort. If discomfort persists, you should contact a doctor  
 Eye Contact: Immediately flush with clean, lukewarm water (low pressure) occasionally lifting eyelids. Seek medical attention if irritation continues.  
 Inhalation: If respiratory irritation occurs, remove individual to fresh air  
 Ingestion: Accidental ingestion of product may require medical attention. In case of accidental ingestion, dilute with fluids (milk or water). Do not provoke vomiting.

**SECTION 5 — FIRE FIGHTING MEASURES**

Flammable:  YES  NO If yes, under which conditions?

Means of Extinction: Carbon dioxide, dry chemical, foam, or water spray extinguisher

Fire Fighting Procedures: Contact emergency personnel. Use self-contained breathing apparatus and full protective gear, if large quantities of product are involved

Flashpoint (° C) and Method	Upper Flammable Limit (% by volume)	Lower Flammable Limit (% by volume)
NA	NA	NA
Auto-ignition Temperature (°C)	Explosion Data — Sensitivity to Impact	Explosion Data — Sensitivity to Static Discharge
NA	NA	NA
LEL:	UEL:	Combustibility:
NA	NA	NA

Procedures: Contact emergency personnel. Use self-contained breathing apparatus and full protective gear, if large quantities of product are involved.

Unusual Fire Fighting Procedures: None

Hazardous Combustion Products: None

[NFPA]:

### SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures

Environmental Precautions: N/A

Methods for cleaning up: Soak up with absorbent materials and wash with water; place in no leaking containers for appropriate disposal.

### SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment

Respiratory Protection: In case of not enough ventilation, its recommended respiratory equipment.

Ventilation: atmospherically

Local Exhaust: Recommended

Special: None

Mechanical: None

Hygiene measures: do not eat, drink or smoke while utilization. Wash hands after use.

Other: None

Skin Protection: Resistant Plastic or rubber gloves.

Eye Protection: Safety glasses or goggles.

#### Storage Requirements

Store upright at room temperature. In order to maintain product quality do not store near heat source or in direct sunlight.

Other Precautions: Avoid bacterial contamination. Keep containers tightly closed when not in use.

Waste Disposal Method: Do not contaminate food or feed by storage or disposal.

Do not reuse empty container. Wrap empty container and throw in trash collection.

Dispose of according to federal, state, and local regulations regarding health, air, and water pollution.

### SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits

OSHA PEL

ACGIH TLV

Other (specify)

Specific Engineering Controls (such as ventilation, enclosed process)

Personal Protective Equipment

Gloves

Respirator

Clothing

Eye

Footwear

Other

If checked, please specify type

Gloves: Resistant Plastic or rubber gloves.

Clothing: wear clothes and shoes

Eyes: Safety glasses or goggles.

### SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State/Appearance

Viscous Cream

Specific Gravity

0.94 to 0.98 @ 25 °C

Evaporation Rate (Butyl Acetate=1):

NA

Viscosity (CPS) Spindle # 2 @60rpm:

10.000 a 25.000 cPs

pH

1.0-2.5

Vapour Density (air = 1):

NA

Odour

Characteristic from fragrance

Density:

0,96 a 1,06 g/cm<sup>3</sup>

Boiling Point (\* C)

NA

Solids (%):

NA

Coefficient of Water/Oil Distribution

Vapour Pressure (mmHg)

NA

Color:

Violet

Air pressure (@ 20 ° C mm Hg):

NA

Freezing Point (\* C)

NA

Melting Point:

NA

Solubility in Water/Other:

Water and Oil

Odour Threshold (ppm):

NA

#### Content microbial

Bacteria

Yeast and mold

Pathogens

100 CFU / g maximum

100 CFU / g maximum

Absent

### SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability:

YES  NO

If no, under which conditions?

Incompatibility with Other Substances:

YES  NO

If yes, which ones?

Reactivity, and under what conditions?

Hazardous Decomposition Products:

## SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of Acute Exposure:

Moderate irritation to eyes. Moderate irritation to skin near affected areas.

Effects of Chronic Exposure: None

Irritancy of Product:

Oral toxicity: Medium

Skin sensitization:

Dermal irritation: slightly irritating to irritating

Carcinogenicity-IARC:

NA

Reproductive toxicity:

NA

Embrototoxicity:

NA

Name of synergistic products/effects: Aqueous Solution with Very Low Corrosivity

Respiratory sensitization:

Mucosa irritation: not until strongly irritating

Carcinogenicity - ACGIH:

NA

Teratogenicity:

NA

Mutagenicity:

NA



## SECTION 12 — ECOLOGICAL INFORMATION

[Aquatic Toxicity]:

No ecological hazards have been tested to be associated with this product.

## SECTION 13 — DISPOSAL CONSIDERATIONS

Waste Disposal:

Product: Combustion with incinerator for chemical waste or elimination by landfill. Elimination according to local legislation.

Do not contaminate food or feed by storage or disposal. Do not reuse empty container. Wrap empty container and throw in trash collection.

Dispose of according to federal, state, and local regulations regarding health, air, and water pollution.

## SECTION 14 — TRANSPORT INFORMATION

Special Shipping Information:

Finished packaged product: Non hazardous

PIN:

IMDG or IMO:

Finished packaged product transported by vessel: Non hazardous

[DOT]:

Finished packaged product transported by ground: Non hazardous

[IATA] or [ICAO]:

Other:

Finished packaged product transported by air: Non hazardous

## SECTION 15 — REGULATORY INFORMATION

[WHMIS Classification]:

[OSHA]:

[RCRA]:

None ingredient

[TSCA]:

Ingredient 8(d) None

[CERCLA]:

Ingredient 8(d) None

[SARA]:

SARA 302: None ingredient; SARA 313: None ingredient

CAA 112(r):

None ingredient

TQ:

None ingredient

AICS: All of the ingredients in the formulation are compliant with NICNAS regulations. European Commission "Cosmetics Directive" 76/768/EEC and Cosmetic Ingredients Review: All of the ingredients in the formulation are compliant with these regulations.

US Federal: All of the ingredients in the formulation are compliant with the Federal Food, Drug, and Cosmetics Act and this product is safe to be used by professional hair dressers previously trained and certified to make this treatment.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.

## SECTION 16 — OTHER INFORMATION

Expiration Date: **36 months**

The product has multiple applications and is not the purpose of the Material Safety Data Sheet (MSDS) to quote them. The product has validity of 36 months from the date of manufacture. This product can be renewed as long as its physical and chemical characteristics are within specification. The following views expressed here are those of qualified experts of Bionat.

Bionat USA LLC believes that the information contained in this MSDS is correct as of this date. However, because the material may be used under conditions which Bionat USA LLC has no control of or in ways we cannot anticipate, we give no warranty, expressed or implied, as to accuracy of the information and assume no responsibility for any damage to person, property or business arising from such use. Moreover, it is the responsibility of the purchaser or user of this material to ensure that the product is properly and safely used.