

BN 83 BASE/ BN BASE PLUS

BRIGHT NICKEL PROCESS WITH GREAT PENETRATING AND LEVELING POWER

1. OVERVIEW

BN 83 BASE/BN BASE PLUS produces deposits with excellent penetration, leveling and grain refining in Electrolytic Nickel baths. It adapts to static and drum baths, also has compatibility with a wide range of rinse aids on the market.

UN: N/A

IMO: N/A

2. PHYSICO-CHEMICAL PROPERTIES

Aspect	Colorless liquid
Fitness	Liquid
Color	Colourless
Density	1.04 – 1.07
pH	3.5 – 4.5

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Solubility in water Complete

• BATH FORMULATION

Nickel Sulfate	300 g/l
Nickel Chloride	60 - 70 g/l
Boric Acid	50 g/l
BN 83 BASE/ BN BASE PLUS	30 - 40 cc/l
BN 83 SUPER BRIGHT	1 cc/l
NIVET (Cathodic Agitation)	3 cc/l
NIVET AGITAIRE (Air Agitation)	3 cc/l

• OPERATING CONDITIONS

Temperature	55 - 60 °C
Current Density	5 - 7 Amp/dm ²
Drum Voltage	10 - 15 V
Static Voltage	4 - 6 V
pH	4.0 - 4.2

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Filtration Go on.
 Mechanical or
 Agitation Air

3. CONTROL AND MAINTENANCE OF ADDITION AGENTS

Maintenance should be done with additions of **BN 83 SUPERBRIGHT**. The consumption will depend on the desired degree of leveling, the current density used, stirring speed and other critical variables in the bathroom such as temperature. An average consumption to guarantee optimal results is 2 - 3 liters of **BN 83 SUPERBRIGHT** per 10,000 Amp / Hour, in static and drum baths. Under normal conditions the consumption of **BN 83 BASE/BN BASE PLUS** will be 1.4 to 2.8 liters per 10,000 Amp/hour.

4. CONVERSION OF OTHER EXISTING SOLUTIONS

In view of the fact that the additives that constitute the BN 83 SUPERBRIGHT process can be used in all types of solutions, the conversion has no difficulties, being able to be carried out gradually without the need for purification treatments, however, when doubts are had and it is deemed appropriate, the Technical Service of BYCSA S.A.S can be used, sending a sample of 1 liter of solution for conversion, in order to proceed according to our recommendations.

1. PRECAUTIONS AND WARNINGS

Avoid contact with eyes and direct inhalation, otherwise wash with plenty of water for 15 minutes. If the reaction persists, consult your doctor. Do not eat food during product handling. Keep out of reach of children and pets.

2. STORAGE CONDITIONS

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Store in a cool, dry, ventilated place. Keep closed in its original container, away from sunlight and preferably from any other source of light and heat of long exposure.

3. MANUFACTURED

BYCSA SA. Barbosa (Plant): Corregimiento Popalito. Finca Los Búcaros km 8 Via a Porce. PHONE: (574)4682016

4. CONTACT US

Bogotá PBX: (571) 7427171
Medellín PBX: (574) 604 0022
Cali PBX: (572) 487 8080
Barranquilla PBX: (575) 385 2020
Manizales PBX: (576) 894 4100
Guayaquil (Ecu) PBX: (593) 422 90 329

5. CONTENT UPDATE

Date	Changes made	Responsible	Area
20/05/2022	Upgrading to a new format	Ana Sofia Valencia Ortega	Quality Control

6. REVISION OF THE DOCUMENT

Date	Revised	Responsible	Area
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23/05/2022	Upgrading to a new format	Quality Coordinator	Quality Control

CONTROL OF THE DOCUMENTED INFORMATION				
NUMBER	CODE	DATE	VERSION	DESCRIPTION
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PREPARED BY	REVIEWED BY	APPROVED BY
Luis Miguel Caicedo Jimenez	Luz Bibiana Sánchez Henao	Isabel Cristina López Arteaga