

TECHNICAL DATA SHEET

SOLUCIÓN N-30 (N-30 SOLUTION)

Generic Name by SUCAMEC: NOT APPLICABLE

DESCRIPTION AND COMPOSITION:

N-30 SOLUTION is a gasifying solution consisting of an aqueous solution of chemically balanced oxidizing salts of an ionic nature.

USES:

N-30 SOLUTION is an inert "non-detonable" solution, which is mixed in situ in different proportions with the Matrix Emulsion system: SAN-G, SAN-G APU, SAN-G ENERGY and SAN-G AURUM prior to loading into the drills producing a homogeneous explosive mixture of lower density inside the drills for applications as blasting agents in subway and open pit mining.

Compared to the N-20 SOLUTION, it sensitizes the Matrix Emulsion, reaching the desired operational density within 15 minutes (at 20°C and 1atm).

The handling temperature range of the N-30 SOLUTION is from 5°C to 40°C. For different temperatures it is recommended to contact the Technical Assistance area.


TECHNICAL CHARACTERISTICS:

	UNIT	N-30 SOLUTION
Physical appearance	---	Aqueous liquid
Color	---	Blue of variable shade
Density at 20°C	g/cm ³	1.12
pH	---	4.5

The values expressed are results at normal conditions (20°C and 1 atm.)

PACKAGING:
Packaging 5.1

	MATERIAL	NET WEIGHT (Kg)	GROSS WEIGHT (Kg)	OUTER DIMENSIONS (cm)
CYLINDER	Plastic	200.0	208.0	Ø 60.0 x 90.0
TOTE BIN	Plastic	900.0	956.0	120.0 x 100.0 x 116.0

TRANSPORT:

Class : 5
Division : 5.1
UN No. : 3139



STORAGE AND WARRANTY:

N-30 SOLUTION should be stored in powder magazines at **temperatures between 5°C and 30°C**, located in safe, well ventilated, dry areas, protected from rain and heat. Also, the explosive inventory should be rotated, avoiding the use of new materials before using old ones. And it must be stored according to the current compatibility table of the relevant authority.

N-30 SOLUTION, when kept in its original packaging and stored under the previously mentioned temperature conditions, is covered by a **12-month warranty** from the date of production.

WARNING:

FAMESA EXPLOSIVOS S.A.C. has safe products, but they may become dangerous elements in inexperienced hands.

The purchaser or user must comply with the applicable regulations during transport, storage and use, as well as train duly all its personnel involved in its loading and handling, providing mechanical aids for loads over 25 kg per person.

FAMESA EXPLOSIVOS S.A.C. assumes no liability for transport, storage and/or improper use their products may experience.

The information and recommendation described in this document do not necessarily cover all product applications nor the different conditions under which it is being used. These are based on the experience, research and tests done by Famesa Explosivos S.A.C., who does not guarantee favorable results nor assume any responsibility, expressed or implied, in relation to the use of these suggestions. This product may be changed without prior notice.