

MULTIFUNCTIONAL ADITIVE FOR ALKALINE CLEANING

DESCRIPTION

ADITRAM is a liquid product specially designed as an additive for sodium hydroxide cleaning baths to complement and increase its cleaning efficiency with caustic solutions. Mainly in automatic cleaning of equipment, bottles and CIP circuits in the food industry.

CHARACTERISTICS

- **ADITRAM** has a huge degrease efficiency and foaming inhibition power due to its surfactants composition.
- Due to its miscibility in 50% liquid soda, it allows to prepare intermediate mixtures of high concentration (additives).
- Specially designed to be applied in the food industry in alkaline CIP automatic cleaning processes.
- Its nature allows the control of its dosage in an automatic, constant and proportional way to the pump of the caustic solution.
- In CIP systems, it can be used under conditions of high turbulence thanks to its content of defoaming surfactants that increase operational efficiency and in turn facilitate rinsing.
- It presents high wetting and dispersing capacity that facilitates the penetration and / or disintegration in organic dirt, such as residues of fat and protein.
- It contains corrosion inhibitors.

PHYSICAL AND CHEMICAL PROPERTIES

ASPECT AND COLOR	pH (1%)	DENSITY (20°C)	COMPOSITION
Transparent liquid light brown	2.7 ± 0.35	1.037 ± 0.01 g/cm ³	Contains C8-C10-alkylpolyglycoside. Contains phosphonates 5-15%, amphoteric surfactants < 5%, non-ionic surfactants 5-15%.

INSTRUCTION OF USE

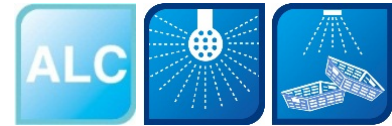
PREPARATION OF ADDITIVE SODA:

- Mix **soda (50%): ADITRAM** in a ratio of **93:7 (7%)**.
- Once the soda has been added, it is recommended not to store the mixture at more than 40-45 ° C.

IN THE CLEANING BATHS:

- Dose the mixture (additive soda) at **3-4%**, equivalent to a dose of **0.2 - 0.3% of ADITRAM** in the caustic detergent solution. Select the dose depending on the hardness of the water, the type and degree of dirt.
- Apply at **40 -80°C**.
- Leave the cleaning solution to act during the required contact time.
- Finally, rinse abundantly with potable water.

This information is based in our present knowledge and can be modified without previous notice. Itram Higiene, S.L. will not take responsibility for the incorrect use of the product.



STORAGE

Store between 5 – 35 °C. Keep away from sources of heat. If possible, avoid direct contact with sunlight. In order to avoid leakages, the containers, after use, should be closed carefully. Due to its corrosive nature, keep away from oxidizing agents, acids, alkalis, metals.

RECOMENDATIONS

Use before the expiry date (2 years after manufacture date).

PRECAUTIONS

Consult the **safety data sheet** for additional information of our product.

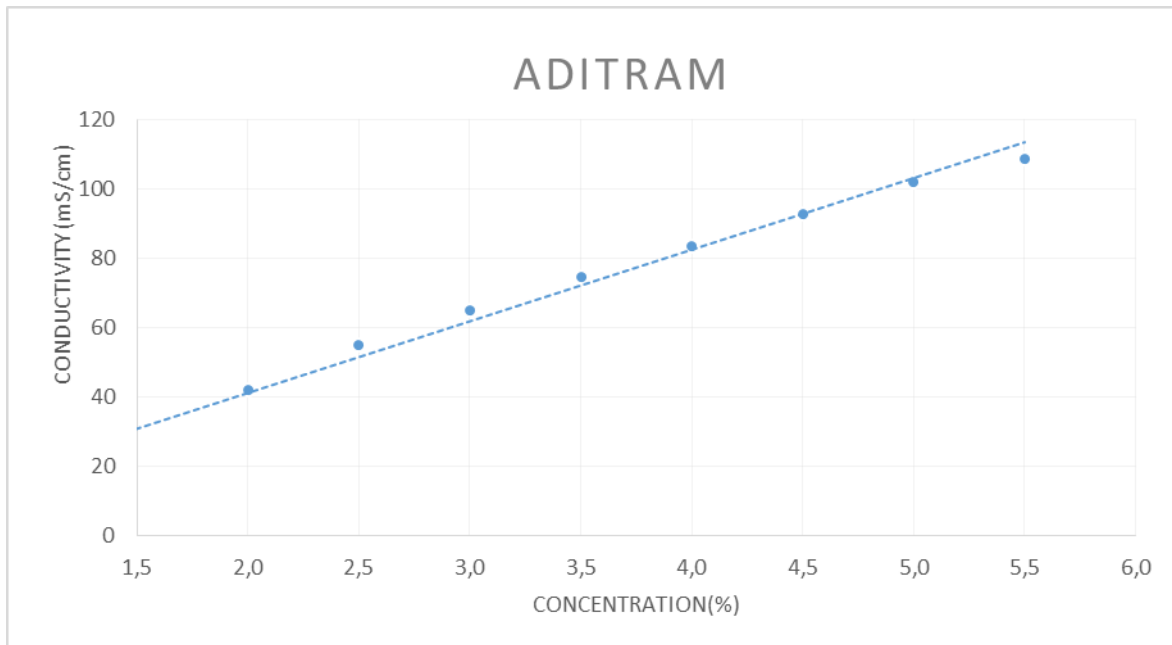
VALORATION METHOD

Conductivity measurable:

Controlling the concentration of ACID JET may be done by conductivity measurement of the product already diluted in the soda, and once applied to the wash bath. The following charts show the relationship between conductivity to 20°C and product concentration in distilled water, expressed in % of product.

Concentration (%)	Conductivity at 20°C (mS/cm)
0.25	6.54
0.5	12.98
1	24.6
1.5	36.6
2	48.2
2.5	58.3
3	71.7
3.5	79.6
4	91.2
5	109.4

This information is based in our present knowledge and can be modified without previous notice. Itram Higiene, S.L. will not take responsibility for the incorrect use of the product.



COMPLEMENTARY INFORMATION

Comercialized by: ROESP B-0318-S / Manufactured by: ROESP B-0202-E.

PRESENTATION

Jerrycan of 20kg

Container of 1000 kg

Rev.: 2

Date: April, 2020



Management System
ISO 9001:2015
ISO 14001:2015

www.tuv.com
ID 9105066019

This information is based in our present knowledge and can be modified without previous notice. Itram Higiene, S.L. will not take responsibility for the incorrect use of the product.