

## ULTRADEG 5000 ATOX

### NEUTRAL AQUEOUS DEGREASER A1

#### DESCRIPTION

**ULTRADEG 5000 ATOX** is a highly biodegradable, neutral and highly inhibiting water-based universal detergent. It is a highly environmentally friendly product, based on NSF requirements in category A1 for industrial applications, including food contact.

#### APPLICATION

**ULTRADEG 5000 ATOX** is suitable for spraying, dipping and ultrasonic application. It is suitable for use on ferrous metals: iron, steel, cast iron, cast iron, etc. Compatible with aluminium, although it is recommended to check compatibility before use. Oils are easily removed from the surface.

#### CONCENTRATIONS

- To be used pure or diluted in water, depending on the degree of soiling.
- Aspersión/jet/spray: 3%-25% water. 20°C-70°C
- Immersion and ultrasound: 3%-10%. 40°C-70°C

#### TECHNICAL CHARACTERISTICS

	Method	Typical values	Un.
Appearance	-	Yellowish/colourless liquide	-
Density at 20°C.	ASTM D-1298	1,01	gr/cm <sup>3</sup>
pH	ASTM D 1293	9,8	-
Refractometer factor	-	4,7	-
Water solubility	-	soluble	-

#### DETERMINATION OF CONCENTRATION

##### Volume

Sampling: 100 ml bath.  
Indicator: Bromophenol blue.  
Reagent: Sulphuric acid, sol. 0,1N (H<sub>2</sub>SO<sub>4</sub> 0,1N).  
Colour change: blue to yellow.  
Factor: 2,6  
Calculation: ml H<sub>2</sub>SO<sub>4</sub> 0,1 N x 2,6 = %

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##### Conductivity

5% in water	2000 µS/ cm
10% in water	4000 µS/ cm
15% in water	6100 µS/ cm

#### CERTIFICATIONS

**NSF A1** – Register nº 168884  
**Halal** Certificate nº IH-682/2.4/B/76/2/47



The information provided in this document is based upon our best knowledge at the date of revision indicate, and is subject to changes without prior notice. Such information does not release the user from testing the product in their own application. The data indicated represent average values and do not constitute product specifications. For more information please contact COGELSA Technical Support. COGELSA is not liable for damages caused by improper use of the product.

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#### HANDLING AND STORAGE

Handling not subject to special requirements. Throughout the lifespan of the product:

- Store separately from other lubricants, chemicals or foodstuffs.
- Protect from sunlight or other heat sources.
- Store at temperatures from 1°C up to +40°C.
- Keep container closed after opening.

The expiry date is 48 months from date of manufacture.

For further information and more product details, packaging and safety data sheets, please refer to our website [www.cogelsa.com](http://www.cogelsa.com) or contact us at: [info@cogelsa.com](mailto:info@cogelsa.com) or [export@cogelsa.com](mailto:export@cogelsa.com)

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