

# ULTRAMINA® TA 200

## DESCRIPTION

ULTRAMINA® TA 200 is a polyoxyethylene (20) tallow amine ether

## PHYSICAL PROPERTIES<sup>1</sup>

Appearance (25°C)	Hazy/Clear Liquid
Active Content, wt%	100%
Moles of EO	20
Amine Number	50 mgKOH/g
HLB	15.4
Flash Point (Open cup)	> 200°C
Melting Point	< 10°C
Pour Point	3°C (37°F)
pH (5 wt%, IPA:Water 4:1, 25°C)	9.0
Viscosity (25°C)	373 cP
Density (25°C)	1.042 g/mL
Boiling Point	> 280°C
Relative Vapor Pressure	< 0.01 kPa
Color (Gardner, 25°C)	3-6
Water Content	≤ 0.6 wt. %
Solubility	Water soluble at 25°C (77°F)
Equilibrium Surface Tension	45.2 mN/m (0.05 wt%, 20°C)
Critical Micelle Concentration (20C)	31.5 mg/L

## CHARACTERISTICS AND BENEFITS

- Nonionic surfactant that can readily be used in acidic media
- Water soluble
- Lubricant
- Versatile surfactant that can be used alone or in combination with other surfactants

## STORAGE AND HANDLING

Store in a covered, well-ventilated area, away from sunlight and away from sources of heat or open flame. Ensure that the storage locale has adequate control of temperature, pressure, and humidity. Keep the containers hermetically sealed when not in use. For more information, consult the Safety Data Sheet (SDS).

## SHELF LIFE

24 Months from manufacturing date

## STANDARD PACKAGING

Drums (463 lbs, 210 kg)	Bulk
Totes (metric ton)	Samplers

## ADDITIONAL INFORMATION

Sourcing	Oleo/Synthetic
Percent Renewable Content	22%
INCI Name	PEG-20 Tallow Amine
NF Compliant	No
FCC Compliant	No
RSPO (Mass Balance)	Not applicable
Non-GMO	Not applicable
US Production	Yes

## REGULATORY

CAS Registry No. <sup>2</sup>	61791-26-2
USA (TSCA)	Listed
Canada (DSL)	Listed
Australia (AICS)	Listed
China (IECSC)	Listed
Korea (ECL)	Listed
New Zealand (NZIoC)	Listed
Philippines (PICCS)	Listed
EU (EINECS)	Not listed
EU (ELINCS)	Not listed
US DOT	Not classified

<sup>1</sup>The physical properties described in the table are only for informational purposes and may be changed without notice. Please contact Indorama for updated data. <sup>2</sup>Chemical Abstracts Service.A1611-v01

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