

# Armeen TD

## Tallow alkyl amine

Armeen® TD is a distilled tallow amine.

### Specifications

Amine number	210-220 mg KOH/g
Color	0-1 Gardner
Iodine value	38-54 g I <sub>2</sub> /100 g
Moisture	≤ 0.5 %
Neutralization equivalent	255-267 g/eq
Primary Amine	≥ 98 %
Secondary Amine	≤ 2 %

### Characteristics

Appearance	Solid at 25°C
Boiling point	260-350 (760 mm Hg) °C
Cloud point	43 C °C
Equivalent mass	267 g/eq
Flash point	≥100 C
HLB	8.2 Davies Scale 0-40
Melting point	40 °C
Pour point	35 °C
Specific Gravity	0.814(38), 0.799(60), 0.791(70)
Specific Heat BTU/Lb/F	0.49(77-86), 0.52(99-108), 0.54(113-120) BTU/Lb/F
Vapor pressure	≤ 1 mm Hg @20 C
Viscosity	44.4(45), 40.6(55), 38.8(65), 37.8(75) SSU

#### Notes:

Typical Data are based on our own measurements or derived from the literature. They do not constitute part of the delivery specification.

All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Nouryon, however, makes no warranty as to accuracy and/or sufficiency of such information and/or suggestions, as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. Nouryon does not accept any liability whatsoever arising out of the use of or reliance on this information, or out of the use or the performance of the product. Nothing contained herein shall be construed as granting or extending any license under any patent. Customer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes. The information contained herein supersedes all previously issued information on the subject matter covered. The customer may forward, distribute, and/or photocopy this document only if unaltered and complete, including all of its headers and footers, and should refrain from any unauthorized use. Don't copy this document to a website.

Armeen® is a registered trademark in many countries. For more information, please visit our website at [www.nouryon.com](http://www.nouryon.com).

## Contact Us

For more information contact us at:  
[intermediates@nouryon.com](mailto:intermediates@nouryon.com)

The logo for Nouryon, featuring a stylized blue 'N' followed by the word 'ouryon' in a blue sans-serif font.