

# Armeen OPD

## Primary Amine

Armeen OPD is a vegetable derived distilled oleyl amine.

### Specifications

Amine number	207 - 217 mg KOH/g
Color	≤ 1 Gardner
Iodine value	≥ 85 g I <sub>2</sub> /100 g
Primary Amine	≥ 98 %
Secondary Amine	≤ 2 %
Water content	≤ 0.5 %

### Characteristics

Appearance	Light yellow liquid at 20°C
Density	810 kg/m <sup>3</sup> at 20°C, 790 kg/m <sup>3</sup> at 60°C
Flash point	≥ 150°C
Melting point	8 - 18 °C
Odor	Mild ammoniacal
Viscosity	12 mPa.s at 25°C

#### 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.

## Contact Us

### USA and Canada

Global Headquarters  
Chicago  
USA  
+1 312 544 7000  
ansc-cs@nouryon.com

### China

Regional Headquarters  
Shanghai  
China  
+86 21 2220 5000  
surfactants.asia@nouryon.com

### Europe

Regional Headquarters  
Stenungsund  
Sweden  
+46 303 850 00  
surfactants.europe@nouryon.com

### South East Asia

Regional Headquarters  
Singapore  
+65 6635 5183  
surfactants.asia@nouryon.com

### South America

Regional Sales Office  
Itupeva  
Brazil  
+55 11 4591 8938

The Nouryon logo consists of the word "Nouryon" in a bold, orange, sans-serif font. The letter "N" is stylized with a vertical bar on its left side.