

WACKER® FLUID NH 15 D

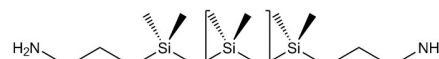
Functional Silicone Fluids

Polydimethylsiloxane, 3-aminopropyl terminated
 Listing in chemical inventories is typically done as
 CAS 106214-84-0.

CAS No. 97917-34-5 | Empirical formula $(C_2H_6OSi)_n C_{10}H_{28}N_2OSi_2$

Properties

As a polymerizing, highly pure, strictly difunctional silicone fluid WACKER® FLUID NH 15 D may be used as raw material or additive for the preparation of copolymers via polyaddition reactions or polycondensation reactions.



Technical data

General Characteristics

Property	Condition	Value	Method
refractive index	25.0 °C	1.403 - 1.407	-
amine content	-	1.6 - 2.0 meq/g	-
appearance	-	clear, colorless liquid	visual check
Density	25 °C	0.95 g/cm ³	-
Viscosity, kinematic	25 °C	approx. 14 mm ² /s	-
molecular weight	-	1000 - 1200.0 g/mol	-
purity	-	> 99.0 %	NMR

These figures are only intended as a guide and should not be used in preparing specifications.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be downloaded via WACKER web site <http://www.wacker.com>.

Applications

- Plastic Additives

Application details

Silicone fluids of the FLUID NH series have the known processing properties of respective standard silicones. Due to their symmetric substitution, the downstream products and copolymers will show the typical characteristics of linear materials.

- raw material for chemical synthesis
- raw material for polymer modification and additivation
- raw material for the copolymerization with organic monomers
- reactive silicone additive for polyurethanes, polyamides, polyimides and polyureas

Packaging and storage

Packaging

- 20 kg drum

- 195 kg drum

Storage

The 'Best use before end' date of each batch is shown on the product label. Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

QR Code WACKER® FLUID NH 15 D



For technical, quality or product safety questions, please contact:

Wacker Chemie AG, Hanns-Seidel-Platz 4, 81737 Munich, Germany
productinformation@wacker.com, www.wacker.com

The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.