



## SILIT-8800N MACRO SOFT

### TECHNICAL DATA SHEET

#### Introduction

**SILIT-8800N** is a kind of high concentration block structure of quaternary silicone softener, it can be emulsified into macro hydrophilic emulsion, and used in various textile finishing, such as cotton, cotton blends, etc., especially adapted to cotton towel that is soft and fluffy handfeeling and good hydrophilicity.

#### Properties

- |                 |  |
|-----------------|--|
| ➤ Appearance    | Yellow transparent liquid                        |
| ➤ pH value      | 7~9  |
| ➤ Ionic nature  | Not applicable                                   |
| ➤ Diluents      | Not applicable                                   |
| ➤ Compatibility | Mixed use with cationic and nonionic auxiliaries |
| ➤ Solid content | About 80%  |

#### Characteristics

- **SILIT-8800N** has superior soft and fluffy handfeeling and very low yellowing and hydrophilicity.
- **SILIT-8800N** has excellent product stability, completely avoid the problem that breaking silicone emulsion sticky roller.
- Provides water dilutions that have excellent compatibility with conventional textile auxiliaries, can be used with fluorocarbon soil release agents at same finishing bath.

#### Applications

##### 1 Exhaustion process:

**SILIT-8800N**                      0.5~1%o.w.f. (After dilution) (50%emulsion) Usage  
:40°C~50°C×15~3 min

##### 2 Padding process:

**SILIT-8800N**                      5~15g/L (After dilution)  
(50%emulsion)

Usage :double-dip-double-nip

#### Emulsification method

Add:1209 Room,2 Build, No. 1588 of Huhang Road , Shanghai City, China.

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**SILIT-8800N**<80% solid content> emulsified to 30% solid content  
**macro emulsion**

- ① SILIT-8800N-----268g  
    +TO-12-----86g, stirring 5minutes
- ② +H<sub>2</sub>O ----200g; then stirring 30minutes
- ③ +H<sub>2</sub>O (----200g); then slowly add the mixture and stirring 15min
- ④ +acid---- 3g and H<sub>2</sub>O ----243g; then stirring 15minutes

Ttl.: 1000g / 30% solid content

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**Package**

**SILIT-8800N** is available in 200kg plastic drums.

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**Storage and shelf-life**

When stored in the original unopened packaging at a temperature of between +2°C and +40°C, **SILIT-8800N** can be used for up to 12 months after the date of manufacture marked on the packaging (DLU). Comply with storage instructions and the expiry date marked on the packaging. Past this date, **Shanghai Vana Biotech** no longer guarantees that the product meets the sales specifications.

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