



PISCEAN CENTURY CHEMICALS PTE LTD

Head Quarters : Singapore
No. 13 Tuas Link 1 Singapore 638589 Tel : (65) 6862 6028 (6 Lines) Fax : (65) 6862 6018
Website : www.pisceanchemicals.com
E-mail : piscean@pacific.net.sg / admin@pisceanchemicals.com

WS 123

PISICONS WS123

百
胜
世
纪
化
工
私
人
有
限
公
司

PISICONS WS 123 is a highly emulsified, amino reactive micro-silicone (100~150 microns) emulsion intended for use as a high grade, concentrated silicone softener product to the textile / garment wet processors.

PISICONS WS 123 is easily dilutable in cold to warm water, at temperatures of between 15°C to 50°C, under light stirring. Diluted product will still retain its transparent, clear properties.

It is advisable to pre-dilute this product **3 to 5 times** with suitable clean, slightly acidic cold to warm water (**pH 4.5 - 6**) before actual application.

PISICONS WS 123 is compatible with most non-ionic and cationic textile auxiliaries, softeners and chemicals. Prior tests are required to ascertain its compatibility.

Typical Applications:

On textiles and garments wet processing to achieve:

- ✓ Durable silicone surface feel
- ✓ Durable softness to fabrics / garments treated
- ✓ Improved fabrics / garments tear strength
- ✓ Improved fabrics / garments wrinkle resistance
- ✓ Improved fabrics / garments elasticity
- ✓ Visibly reduced yellowing compared to other cationic softener, silicones
- ✓ Improved silicone yield due to its reactivity with fibres under long liquor ratios

Recommended Diluting Conditions:

- ✓ Temperature of Diluting Water : 15°C to 50°C.
- ✓ pH of Diluting Water : 4.5~6
- ✓ Bactericides Recommended : 0.1~0.3g/L

- Avoid high temperature, alkaline pH. Slow speed stirring suffice.
- Avoid water contaminated with iron and copper ions.
- To add **PISICONS WS 123** into stirring water, stir for few minutes, check final pH of mixture.
- Adjust pH to slightly acidic condition (4.5 ~ 6.0), if necessary.



CERT. NO. : 2001-2-1286
SS ISO 9001: 2000



CERT. NO : SG-1286



MEMBER OF
SINGAPORE BUSINESS
FEDERATION

Pg 1 of 2

CHINA : PISCEAN CHEMICALS (SUZHOU) PTE LTD

No. 9, Xie Tang District, Suzhou Industrial Park, Suzhou, Jiang Su Province, China 215123.
Tel / 电话 : (86) 512-6547 2722 / 6547 3799 / 6593 3037 Fax / 传真: (86) 512-6547 0988
中国江苏省苏州市 215123, 苏州公业区斜塘分区 9 号

Piscean Century Chemicals Pte Ltd does not take liability to the effectiveness of the products since users application conditions may be different.



PISCEAN CENTURY CHEMICALS PTE LTD

Head Quarters : Singapore
No. 13 Tuas Link 1 Singapore 638589 Tel : (65) 6862 6028 (6 Lines) Fax : (65) 6862 6018
Website : www.pisceanchemicals.com
E-mail : piscean@pacific.net.sg / admin@pisceanchemicals.com

WS123

Physical Properties:

Silicone Type : Reactive micro Silicone with amine content
Appearance : Clear viscous solution
Solid content : $80 \pm 3\%$
Ionic type : Weak cationic
Diluent : Cold to warm water, pH 4.5 to 6
Odour : Negligible

Packing : 200kg steel drum, 120kg HDPE drum.

Storage : To store cool under shade to prolong shelf life of product. Never exposed product to direct sunlight.
: Keep lid tight when not in use to prevent possible contamination to the product.
: **Stir well before use.**

Transport : Product is non-flammable by itself and is not classified as hazardous for transport.

Shelf life : Minimum 9 months when stored at 25°C or below, in unopened conditions.

百
胜
世
纪
化
工
私
人
有
限
公
司

Separate MSDS is available upon request



CERT. NO. : 2001-2-1286
SS ISO 9001: 2000



CERT. NO : SG-1286



MEMBER OF
SINGAPORE BUSINESS
FEDERATION

Pg 2 of 2

CHINA : PISCEAN CHEMICALS (SUZHOU) PTE LTD
No. 9, Xie Tang District, Suzhou Industrial Park, Suzhou, Jiang Su Province, China 215123.
Tel / 电话 : (86) 512-6547 2722 / 6547 3799 / 6593 3037 Fax / 传真: (86) 512-6547 0988
中国江苏省苏州市 215123, 苏州公业区斜塘分区 9 号

Piscean Century Chemicals Pte Ltd does not take liability to the effectiveness of the products since users application conditions may be different.