

JETCLEAR OLG

Oligomer Remover

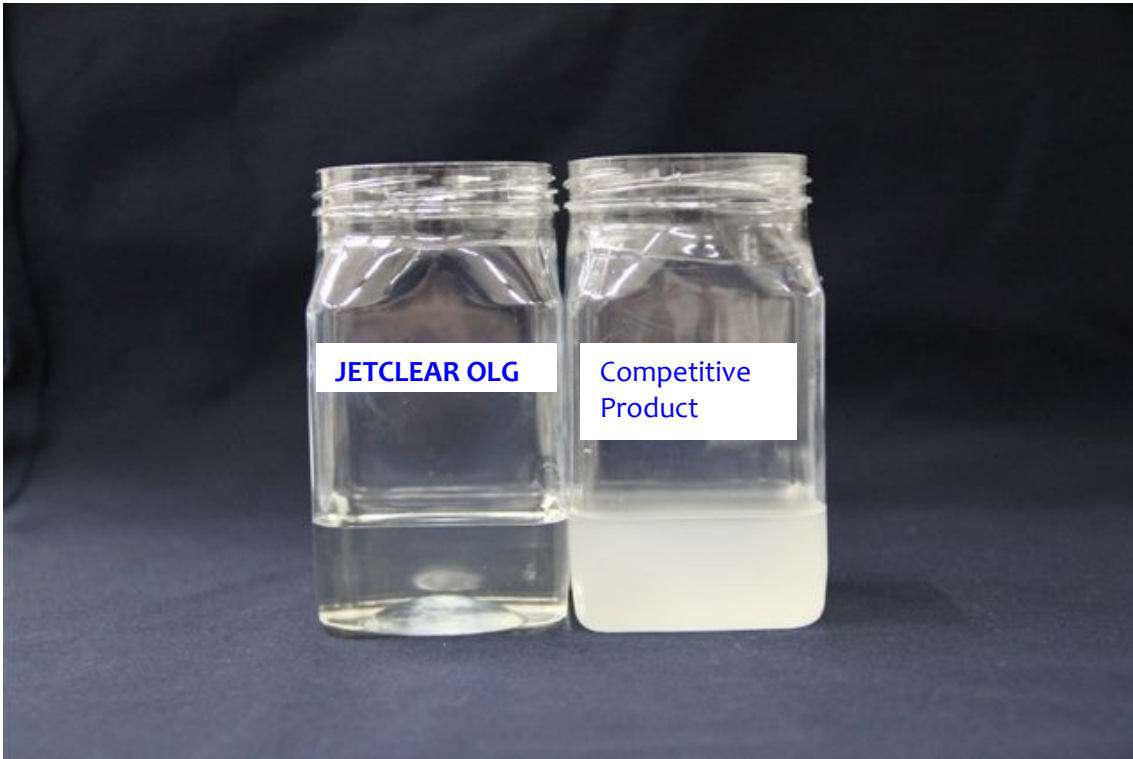
Characteristic : Blend of ethoxylated surfactants.

Appearance : Yellow color liquid.

Ionic state : Slightly cationic.

Properties :

- As known generally, oligomer is a smaller chain length of polyester made up of two or more molecules of basic terephthalate i.e. dimer or trimer, produced as side reaction during the manufacture of polyester. Oligoester, because of its smaller chain length is in the form of fine powder which is entrapped in basic polymer and migrates to the surface during high temperature dyeing.
- Higher the dyeing temperature and higher the depth of dyeing, more is the displacement of oligomer to the fiber surface.
- Problems caused by oligomer deposits leading to unlevel dyeing;
 - Filtration effect (inside-out variation) due to build up of oligomers in package.
 - Improper pump pressure due to deposits on circulation pump.
 - Choking of spindle holes.
 - Variation in the rate of rise of temperature due to deposits on heating coils.
 - Duller shades.
 - Dusting during coning.
 - Unremovable dark specks on dyed fabrics.
- **JETCLEAR OLG** is a new generation product for the rapid hydrolysis of oligomer in the presence of caustic soda and MEGACLEAR 12.
- **JETCLEAR OLG** completely removes oligomer deposits from dyeing machine interior pump and spindles.
- **JETCLEAR OLG** is not an only sustainable foam provider even at high temperature but also a powerful oligomer remover.



- Shades become more brighter.
- **JETCLEAR OLG** ensures dust free running during winding, weaving and knitting stages.
- **JETCLEAR OLG**, is an APEO and solvent free, environmentally safe product.

pH(25 °C) : 8,7

Application :

A- Machine Cleaning

- Depending upon build-up of deposits,

JETCLEAR OLG	2 %
NaOH, fl	3 %
MEGACLEAR 12	1 %
Temp.	135 °C
Time	30 min

- Rinsed and neutralized.

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B-Reduction Clearing

- If **JETCLEAR OLG** is regularly applied during alkaline reduction clearing, frequent machine clearing is not required.

JETCLEAR OLG	1 %
NaOH, fl	2 %
MEGACLEAR 12	1 %
Temp.	95 °C
Time	20 min

- Neutralized and rinsed.

Storage : 6 month.

These data are based on our practical experience and may be recommended only without any liability, due to the different plant conditions.

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