



Technical Data

10/1/2016

Coning Oils

Ipsol 1200

Speciality lubricant for textile industry

Field of application

Biodegradable, anti-splash and cohesive coning oil, without ethoxylated alkylphenol, specially developed for :

- the lubrication of high speed textured yarns (up to 1200 m/mn) needing improved interfilament cohesion: fine count polyamide yarns, textured polyester & polyamide microfilament yarns, covered yarns and air-jet textured yarns
- the lubrication of viscose rayon in discontinuous spinning, during last winding after desulfurizing and muff drying

Ipsol 1200 can also be applied on silk.

Quantities to be used

- polyamide : \approx 2%
 - polyester (for knitting, weft and weaving unsized weaving warp) : 2.5 - 3%
 - polyester (warp for sizing) : 1 - 1.2%
 - Silk : 2 - 3%
 - Elastane covering : 1.5 - 2%
 - Microfilament yarns : 1.5 - 2%
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General Properties

- Get rid of splashes
 - Enables to obtain low and regular unwinding tensions
 - Reduces oil dripping at the yarn-guides
 - Does not provoke yellowing when exposed to light and to heat treatments
 - Improves the regularity of oil pick up by the yarns
 - Brings a cohesive power, which enables to minimize filament breakage
 - ensures good lubrication yarn/steel and yarn/yarn
 - gives the yarns a good anti-static protection
 - Is easily scoured in washing baths
 - Is stable during storage
 - "readily biodegradable"
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Recommendations for scouring

The best conditions for good scouring : pH from 6 to 8
temp between 30 - 80 deg C
1 to 2/g per ltr of detergent

Ecology

This product has been developed taking into account the present European REACH regulations, in particular for the disposal of waste waters treatment (no mineral oil, no ethoxylated alkylphenol). Its formula enables one to meet the OEKO-TEX standard 100 (Edition 01/2014) requirements.

Storage and handling

- The storage of this product does not require particular precaution (see MSDS for additional information).
 - It is stable and can withstand frost. It becomes cloudy below 0°C without pouring off and becomes clear once again around +5°C.
 - For pumping product use exclusively pumps equipped with revolving pistons or vanes (speed : less than 80 RPM) or pumps with membranes (speed : less than 70 strokes per minute).
 - Shelf Life : 1 year from delivery date
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Specifications

H S Code : 3403.9900- Lubricating preparation for textile industry containing less than 70% petroleum products.

Characteristics

Aspect at 20 deg C	: Clear liquid
Visual colour	: White
Density at 20 deg C	: 0.85
Viscosity at 20 deg C	: 22 - 28 cSt
Flash Point	: > 130 deg C
pH in demineralized water (10%)	: neutral

* The characteristics given in lightfaced type are given solely as indications

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