



Spectrum Cutting Solutions Pvt Ltd

## Product Data Sheet

### “SP TEX-91”

#### Product Description:

“SP TEX- 91” is Knitting oil Emulsifier package, which base on surfactant, fatty chemistry, which enhance inbuilt corrosion properties.

#### Typical Properties:

- |  |                        |
|--|------------------------|
| 1) Color                                       | : Pale Yellow To Amber |
| 2) Appearance                                  | : Viscous Liquid.      |
| 3) Acid value                                  | : Max 5. Mg KOH/gm     |
| 4) PH 5% in Distilled water                    | : Min 7-9              |
| 5) Oil solubility 12 % in Group II (Sn 70&150) | : Bright & clear       |
| 6) Specific gravity at 30 °C                   | : 0.9-1.0              |

#### Key performance:

1. Excellent corrosion protection
2. Self-Emulsification
3. Biodegradable
4. Reduce Needle wear at high-Speed knitting process.
5. Cost Effective

#### Guideline Formulations:

Raw material	Formulation 1	Formulation 2	Formulation 3
SPECTRA TEX KE-91	12	12	12
SN 150 GrII	88	-	44
SN 70 GR II	-	88	44
Total	100	100	100

#### Result of knitting Oil

Properties	Formulation 1	Formulation 2	Formulation 3
5% Emulsion in Tap water	Normal emulsion	Normal emulsion	Normal emulsion
Emulsion colour	Milky white	Milky white	Milky white



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**Dosing :**

10% to 15%

**Storage condition:**

Store inside warehouse, Temperature condition 30°C to 35°C

Avoid water collecting on barrel top,

**Special instruction**

if temperature falls Below 30°C, product become hazy, So for clear Appearance, it should heat up to 50°C .

**Shelf life :**

6-month Form Date of manufacturing.

**Pack size:**

50 kgs HDPE Carboy, 200kgs HDPE Drums

**For Health & safety please refer MSDS**

*Guidance information is given as per our Knowledge.*