



MapleSolutions

3019 Lake Road, Dollard Des Ormeaux, QC, H9B 2R3 Canada - Tel : 1 (514) 472 0094 www.maplechemicals.com

TECHNICAL BULLETIN

STATEMENT OF USE

MA-LUBE® PS2 is a new generation specialty lubricant and trimer masking agent specifically designed to be exhaust applied in package machines. **MA-LUBE PS2** contains an uniquely engineered emulsification system that gradually loses surface activity during the exhaustion process. As a result, **MA-LUBE PS2** is exhausted onto the yarn without leaving emulsifier residue that can cause problems with colorfastness to dyed yarns, such as polyester or PTT dyed with disperse dyes. **MA-LUBE PS2** is a patented product .

TYPICAL PROPERTIES

emulsifiers	Chemical Composition	Mixture of selected mineral oils and specialty nonionic
	Appearance	Clear liquid
	Viscosity, cSt (40°C)	21.3
	Viscosity, SUS (100°F)	111.6
	Color, APHA	< 100
	pH (5% in water)	6.5
	Ionic Nature	Nonionic
	Flash point, ° F (COC)	> 400
	Boiling point, ° F	> 400

ADVANTAGES

- Will not contribute to disperse dye bleeding. The product is especially suited for yarns for narrow tapes and labels.
- Produces a soft, slick handle
- Gives excellent winding properties to all synthetic textile fibers
- Covers trimer
- Will not contribute to yellowing
- Can be used as a direct ship lubricant for knitting yarns



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APPLICATION

MA-LUBE PS2 is recommended at a concentration of 2.0 – 3.0% o.w.g. and should be applied with the following procedure after all dyeing and cleaning operations have been completed:

1. Fill the machine at 80 – 100° F.
2. Add 2.0 – 3.0% o.w.g. of **MA-LUBE PS2**
3. Circulate through one complete inside-outside, outside-inside cycle
4. Add 0.25 gram/Liter of acetic acid (56%) for a target pH of 4.0 – 5.0 with 5.0 being the absolute maximum pH.
5. Raise the temperature at 2 – 3° F/minute to 120° F.
6. Hold 20 minutes.
7. Drain and unload.

The amount of acetic acid, temperature and time may all be adjusted as necessary, to optimize exhaustion and leveling.

STORAGE LIFE

Six months minimum if kept sealed and dry

PACKAGING

Available in returnable drums.

PHYSIOLOGICAL DATA

For Industrial Use Only: The usual precautions in keeping chemicals from the eyes and skin and avoiding ingestion and prolonged inhalation of vapors should be observed.