

# Technical Bulletin

## PrepTechs 1080

### DESCRIPTION

**PrepTechs 1080** is a highly concentrated liquid thermo stable amylase enzyme use as a desizing agent in textile processing. This product provides for optimum desize performance for starch.

**PrepTechs 1080** is effective at a range of temperatures and is especially effective at high temperature.

### BENEFITS

**PrepTechs 1080** has the following beneficial characteristics.

- Economical to Use
- Highly Concentrated
- Tolerant of Live Steam
- Strong Amylolytic Power
- Compatible with Wetters & Penetrants

### TYPICAL PROPERTIES

Color	Brown
Texture	Liquid
Odor	Fermentation
Specific Gravity	1.10
PH	About 7.0

### PREPARATION

**PrepTechs 1080** may be diluted with water prior to use. The typical dilution rate is 1 to 13. The product may also be diluted with water and formulated with nonionic surfactants.

### APPLICATION

The product may be used to desize all types of fabrics.

#### Suggested processing conditions.

Ph	5.0 – 9.0
Temperature	40 – 110°C

General dosage rates of diluted (1 to 13) **PrepTechs 1080**.

Equipment	Dose
Winch	0.3 – 1.0 g/l
Autoclave	0.3 – 1.0 g/l
Jet	0.3 – 1.0 g/l
Jig	1.0 – 4.0 g/l
Washer	1.0 – 4.0 g/l
Pad Roll	1.0 - 5.0 g/l
Cold Pad Batch	2.0 – 8.0 g/l
Hot Pad Batch	1.5 – 6.0 g/l
Continuous	4.0 – 10.0 g/l

### STORAGE

**PrepTechs 1080** should be stored in a cool, dry and well-ventilated area.

### HANDLING

Follow good industrial hygiene when handling **PrepTechs 1080**. Please refer to the Material Safety Data Sheet for details.

### PACKAGING

**PrepTechs 1080** is available in 225 kg drums.

Date Established: 06/28/07  
Date Revised: