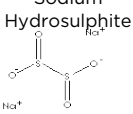



# LIQUID INDIGO DYED DENIM vs. POWDER INDIGO DYED DENIM

## ECO-INITIATIVE TD MEXICO REPORTS

### CHEMICAL CONSERVATION

Chemical	Powder indigo	Liquid Indigo	Conservation %	Chemicals Saved from Environment*
Sodium Hydrosulphite 	100%	43%	57%	687,842 lbs.
Caustic Soda 	100%	35%	65%	476,198 lbs.

\* based on annual TD Mexico production of 24 million yards



### SOLID WASTE CONSERVATION

Waste	Powder indigo	Liquid Indigo	Conservation %	Waste Saved from Environment*
Water Sludge	100%	60%	40%	3,015,923 lbs.
Water Sulfates	100%	58%	42%	687,842 lbs.
Sodium Hydrosulphite and Powder Indigo Packaging Waste	100%	25%	75%	317,280 lbs.

\* based on annual TD Mexico production of 24 million yards

### WASTE WATER OXYGEN CONSERVATION

Type of Oxygen Demand	Powder indigo	Liquid Indigo	Oxygen Conservation %
<b>Biological Oxygen Demand (B.O.D.)</b> def. Bacteria in waste water to decompose the total amount of oxygen consumed, the greater the oxygen demand, the greater the BOD value, the more serious water pollution.	100%	84%	16%
<b>Chemical Oxygen Demand (C.O.D.)</b> def. Pollutants in water for chemical decomposition of the total consumption of oxygen, and some pollution is the bacteria that cannot be broken down.	100%	35%	65%

### COLORFASTNESS IMPROVEMENT

AATCC ColorFastness Test	Powder indigo	Liquid Indigo
Dry	3.0	4.0
Wet	1.0	1.5