

Textile Industry

Introduction

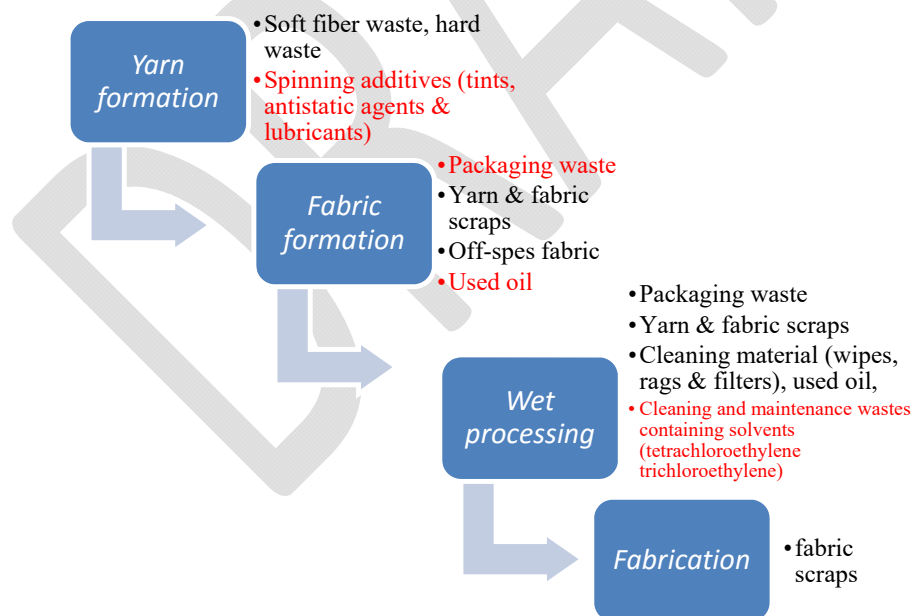
The textile industry is one of the oldest in the world and is classified as industrial establishment as per decree 5243/2001. This factsheet intends on identifying the main resulting hazardous wastes and develops ways for its management.

Process description

The following four production stages show the main steps of the textile process:

1. *Yarn formation*: textile fibers are converted into yarn by grouping and twisting operations used to bind them together.
2. *Fabric formation*: The major methods for fabric manufacture are weaving and knitting.
3. *Wet processing*: Wet processing enhances the appearance, durability, and serviceability of fabrics by converting undyed and unfinished goods, known as grey goods, into finished consumers' goods.
4. *Fabrication*: Finished cloth is fabricated into a variety of apparel and household and industrial products.

The common activities at textile industry is outlined in the following chart.



References: UNIDO, MSCIPP, ERM studies.

Textile Industry Hazardous Waste Description and Management

Description of the waste	Waste Code (EWC)	Waste Classification (Dangerous Goods Classification)	Basel Class.	Storage	Transport (UN-Code)	Treatment	HS-Code
Other organic solvents, washing liquids and mother liquors	070604*	8	A4140	8A	2209	D10	291211
Discarded inorganic chemicals consisting of or containing dangerous substances	160507*	various	A4140	various	various	D10	2846
Discarded organic chemicals consisting of or containing dangerous substances	160508*	various	A4140	various	various	D10	2928
Packaging containing residues of or contaminated by dangerous substances	150110*	9	A4130	various	3509	D10	TBD

European Waste Code (EWC) 070604*: Other organic solvents, washing liquids and mother liquors

European Waste Code (EWC) 150110*: Packaging containing residues of or contaminated by dangerous substances

European Waste Code (EWC) 160507*: Discarded inorganic chemicals consisting of or containing dangerous substances

European Waste Code (EWC) 160508*: Discarded organic chemicals consisting of or containing dangerous substances

The content of this draft Fact Sheet has been compiled to the best of our knowledge. The fact sheet will be continuously updated based on consultation with concerned industries or relevant stakeholders.

Waste Classification (Dangerous Goods Classification) 8: CorrosivesWaste Classification (Dangerous Goods Classification) 9: Miscellaneous Dangerous Goods

Basel Classification A4140: Waste consisting of or containing off specification or outdated chemicals

Basel Classification A4130: Waste packages and containers

Transport Code (UN) 2209: Formaldehyde, solutions, with not less than 25 percent formaldehyde

Code (UN) 3509: Packaging, discarded, empty, uncleaned

D10: Disposal on land (for example: incineration in a licensed rotary kiln with >1,050C)

Disposal Facilities**MEAB Schöneiche – Märkische Entsorgungsanlagen Betriebsgesellschaft mbH**

Address: Am Galluner Kanal, 15806 Schöneiche

Site: Tschudistraße 3, 14476 Potsdam

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