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UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE
UNITED NATIONS CENTRE FOR TRADE FACILITATION
AND ELECTRONIC BUSINESS (UN/CEFACT)

Reference Guide on Code Lists and Identifiers in the Textile and Leather Value Chains

DRAFT

Approved: UN/CEFACT Bureau on

Version: 1.2

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Revision history

Version	Release	Date	Comment
1.0	Internal draft	2021-Mar-22	Initial
1.1	Draft	2021-Aug-19	<ul style="list-style-type: none"> - Title and status of document changed. - Alternative identifiers added. - Code lists (eBiz) for machine types deleted. - List without coded values and glossaries moved to section 6. - Hyperlinks updates.
1.2	Draft	2022-Sep-18	<ul style="list-style-type: none"> - Title changed. - Hyperlinks updates. - Merged some paragraphs. - Status code list section updated. - Chapter 5 updated.

1 Introduction

Codes and identifiers are essential components of any machine-to-machine information flow. They have been developed over time to facilitate the flow of standardized data that can be easily validated for correctness to ensure consistent semantics (e.g., plain text versus coded text).

1.1 Objective

The objective of this document is to identify and describe code lists and identifiers supporting the business processes and transactions for traceability and transparency in the textile and leather value chains. In addition, the annex contains references to valuable glossaries and documents.

1.2 Reference documents

Knowledge and application of the following documents is crucial for the use of codes lists and identifiers specified in this document.

- [UNECE Recommendation n°46 on “Enhancing traceability and transparency for sustainable value chain in the garment and footwear sector” \(2022\)](#)
- [UN/CEFACT, Business Requirement Specification for Traceability and Transparency in the Textile and Leather Sector, Part 1: High-Level Process and Data Model \(2021\).](#)
- [UN/CEFACT, Business Requirement Specification for Traceability and Transparency in the Textile and Leather Sector, Part 2: Use Cases and CCBDA Data Structures \(2021\)](#)
- [UNECE, Business Process Analysis for Sustainability and Circularity in Textile Value Chains \(2021\).](#)
- [UNECE, Business Process Analysis for Sustainability and Circularity in Leather Value Chains \(2021\).](#)
- [UNECE, Accelerating action for a sustainable and circular garment and footwear industry: which role for transparency and traceability of value chains? Policy paper \(2020\).](#)
- [UNECE, TEXTILE4SDG12: Transparency in Textile Value Chains in Relation to the Environmental, Social and Human Health Impacts of Parts, Components and Production Processes \(ECE/TRADE/439\) \(2017\).](#)
- [UNECE, Traceability for Sustainable Trade: A Framework to Design Traceability Systems for Cross Border Trade \(ECE/Trade/429\) \(2016\).](#)
- [UN/CEFACT Code Management User Guide, 8 March 2018.](#)

1.3 Audience

The audience of this document is all users who are interested in the textile and leather data model, and particularly in the application of code lists and identifiers, supporting information exchange in textile and leather value chains.

1.4 Status of this document

This document will be used as a reference during the implementation phase of information exchanges as described within the supporting UN/CEFACT Business Requirements Specification ([BRS](#)) documents for traceability and transparency in the textile and leather sector. The number and content of code lists and identifiers might change over time¹. For some information entities different code lists might be available (e.g., for classification). The appropriate code list often depends on the context or requirements of the user community.

¹ The present version of the United Nations Code Lists (UNCL) of UNECE is D22A and is updated twice a year. Bew code lists or code values can be requested at UNECE by using the [DMR Codes](#) form.

1.5 Document context

This document is created to support the UNECE-UN/CEFACT "Transparency and Traceability for Sustainable Textile and Leather Value Chains" project. Especially regarding the Business Information Entities (BIE) used to exchange traceability and transparency information as specified within the Business Requirements Specification (BRS) documents.

2.3 Most relevant code lists related to traceability

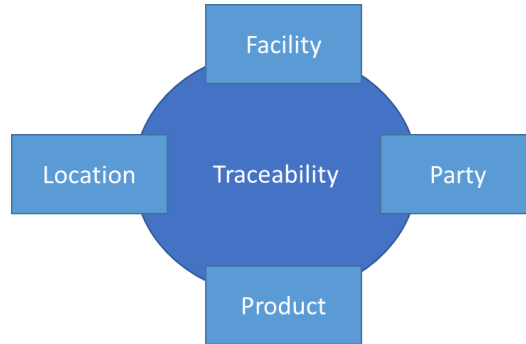


Figure 2-3 Most relevant traceability code lists

Code Lists
Location
Facility
Traceable Assets (Objects)
- Product
- Material
- Logistic Units /Package Type
Process
Party
Other
- Transportation
- Status
- Unit of Measure
- Date Time

2.4 Most relevant code lists related to transparency

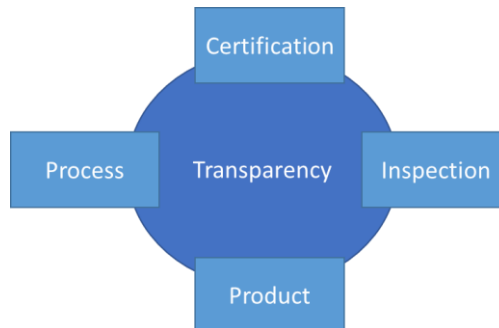







Figure 2-4 Most relevant transparency code lists






Code Lists
Assessment
Inspection
- Test
- Method
- Parameter
- Technology
Process
Certificates
Product
- Species
- Characteristic
- Transactions
- Inventory
- Chemical

2.5 Most relevant issuing agencies

Agency/Organization	Code Lists	Related information entity
 BCI Better Cotton Initiative www.bettercotton.org	Pesticides Classification	Toxicological Hazardous Material
 CAS A DIVISION OF THE AMERICAN CHEMICAL SOCIETY	CAS Chemical Compound	Distinct Chemical
 CITES	CITES Endangered Species of Wild Fauna and Flora	Species
	Agricultural Produce (plants)	Crop Produce Batch
	Agricultural Species	Species
	Leather classification	Product Classification
 eBIZ	Raw Material Production	
	Fibre Types	Material/Product
	Raw Material Characteristics	Material/Product Characteristic
	Raw Material Process	Production Process
	Yarn Production	
	Yarn Category	Material/Product Category
	Yarn Characteristics	Material Product Characteristic
	Yarn (kind)	Material/Product
	Yarn (ply)	Material/Product Characteristic
	Yarn Process	Production Process
	Yarn Technology	Technology
	Yarn Operation Parameters	Parameter
	Yarn Quality Parameters	Parameter
	Fabric Production	
	Fabric Category	Material/Product Category
	Fabric Fault Type	Fault Type
	Fabric Faults Category	Fault Category
	Fabric Technical Category	Technical Characteristic
	Fabric Technical Characteristic	Technical Characteristic
	Fabric Process	Production Process
	Fabric Technology	Technology
	Fabric Operation Parameters	Parameter
	Weave Type	Product Characteristic
	Colour Type	Product Colour
	Pre/Finishing treatments & Dyeing /Printing	
	Chemical Elements	Distinct Chemical
	Print Material	Material
	Print Process	Production Process
	Print Parameter	Parameter
	Printing Technology	Technology
	Fast Test	Method
	Colour Test	Method
	Apparel Production, transportation	
Additional Attributes	Product Characteristics	
Garment Attributes	Product Characteristics	
Apparel Section	Product Section	
Market Segment	Target Market	
Darning Process	Production Process	
Knitting/Clothing Process	Production Process	

Agency/Organization	Code Lists	Related information entity
	Value Base System (for size)	Range
	Intended Use Codes	Photographic Picture
	Resolution Type	Photographic Picture
	Reason for Transportation	Inventory
 Eppo	Agricultural Produce (Plants)	Produce
 Food and Agriculture Organization of the United Nations	Indicative Crop	Product Classification
 GLOBAL TEXTILE SCHEME	Product Classification	Product Classification
 GS1	GPC Clothing (67), Footwear (63)	Product Classification
 ISO	Colour Fastness Test (yarn)	Method
	Colour Light Source	Product
	Country Code/Identifier²	Country
	Language Name Code (ISO 639-1)²	Text
	Leather Chemical Test	Method
	Leather for Apparel (excluding furs)	Product
	Leather Tests (Quality Standards)	Method
	Man-made Fibre - Generic names	Product Name
	Natural Fibres - Generic names and definitions	Product Name
	Representation of human sexes²	Product Consumer Gender
	ISO 26000, Sustainability Standards	Sustainability Characteristics
 ITC	Sustainability Standards	Referenced Standard
	Sustainability Category (Pillar)	Sustainability Characteristic Category Code (e.g. environment)
	Sustainability Sub Category (Pillar)	Sustainability Characteristic Subordinate Category Code (e.g. soil)
	Sustainability Type (Criteria)	Sustainability Characteristic Type (e.g. soil erosion)
 OECD	Health Effects	Sustainability Inspection Results
	Effects on Biotic Systems	Sustainability Inspection Results
	Environmental Fate and Behaviour	Sustainability Inspection Results
 TextileExchange	Textile process	Production Process
	Product	Product
	Product Category	Product Category
	Raw Material	Material
	Final Product Technical Quality Parameter	Parameter
 UNECE UN/CEFACT ³	Assessment Assurance Level	Assessment Assurance Level
	Code List Responsible Agencies	Agency
	Contact Type	Contact Type
	Date Time Format	Date Time
	Document Status	Exchanged Document Status
	Document Type	Exchanged Document Type Referenced Document Type

² Referred/adopted by UNECE³ Version D22A, see [2021-2022 webpage](#)

Agency/Organization	Code Lists	Related information entity
	Inspection Type	Specified Inspection Sustainability Inspection
	Inventory Movement Reason	Supply Chain Inventory
	Inventory Type	Supply Chain Inventory
	Location Function	Referenced Location Type Production Facility Type
	Note Subject	Note Subject
	Package Marking	Logistics Package Shipping Marks
	Packages	Logistics Package
	Party Function (Role)	Party Role
	Party Type	Party Type
	Process Description Type	Production Process
	Status	Instruction, Inspection, Delivery, Process, Material, Batch, Product, Parameter, Inventory, Schedule, Assertion, Route, Assessment
	Transport Equipment	Transport Equipment
	Transport Means	Transport Means
	Transport Mode	Transport Mode
	UN Location Code (UNLOCODE)	Facility, Inspection, Logistics Production, Referenced Location
Unit of Measure	Measure	
	Leather Testing Methods	Method
	Leather Testing Methods	Method
	HS Codes Raw hides and skins, leather etc	Product Classification
	HS Codes Textiles and textiles articles	Product Classification
 World Health Organization	Pesticides by Hazard	Toxicological Hazardous Material
	Manufacturing Restricted Substance List	Material

3 Overview of identifiers

Unique identifiers are important for the traceability of assets (material/products) including the logistics unit(s) which contain them. Traceable assets and their logistics units make use of unique identifiers. The ISO/IEC 15459 (part 3) specifies a unique, non-significant, identifier (UID) for products and/or items, represented in a barcode label or other media attached to or incorporated into an item. The UID will start with a string of characters representing the issuing agency code, assigned to the issuing agency by a registration authority. There are different agencies which issue UIDs. One of them is GS1.



3.1 Most relevant identifier related to traceability & transparency

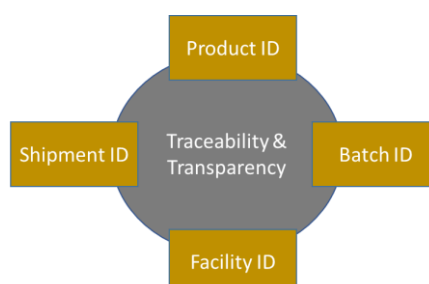


Figure 3-1 Most relevant identifiers


Identifier schemes ⁴
<u>Product (Assets/Objects)</u>
- Product Identifier
- Batch Identifier
- Material Identifier
- Animal Identifier
- Chemical Identifier
- Crop (Produce) Identifier
<u>Party Identifier</u>
Facility
- Facility Identifier
- Production Unit Identifier
Location
- Location Identifier
- Plot Identifier
- Facility (Location) Identifier
- Production Unit Identifier
- Country Identifier
Shipment
- Shipment Identifier
- Logistics Package Identifier
- Consignment Identifier

⁴ See for identifiers schemes at the [end of this document](#).


4 Details of code lists

A code list is a type of controlled vocabulary containing a finite list of codes and values that represent the only allowed values for a particular information entity. The format in which code list are published differs a lot. At the moment it is not clear if other formats than publicly published are available.


4.1 Action


Code List	Agency	Code List	Format
Action Codes		UNCL ⁵ 1229	HTML
Code Tag	Code Value	Description	
107	Advice with details	An advice with details is requested or notified.	
108	Amendment requested	An amendment is requested	
109	For information	Included for information only.	
	ETC		

4.2 Assurance Level

Code List	Agency	Code List	Format
Assurance Level		UNCL	HTML ⁶
Code Tag	Code Value	Code definition	
1	Self-Declared	A party states that they meet a standard, but do not provide evidence.	
2	Self-Assessed	A party assess their own performance demonstrating how they meet the standard.	
3	Peer Reviewed	A similar party to the one being assessed reviews compliance against the standard.	
	ETC		


4.3 Characteristic


Code List	Agency	Code List	Format
(Raw) Material		eBIZ T22	XML
Code Tag	Code Value		
FIN	Fineness		
LNG	Length		
RTR	Shrinkage		
YLD	Yeld		


Code List	Agency	Code List	Format
Yarn		eBIZ T24	XML
Code Tag	Code Value		
ALL	Elongation		
AMIN	minimum yarn elongation		
CV	CV		
	ETC		


⁵ United Nations Code List


⁶ Not yet published


Code List	Agency	Code List	Format
Yarn (Ply)		eBIZ T56	XML
Code Tag	Code Value		
CS	single yarn		
FA	fancy yarn		
RC	ply combination yarn		
	ETC		


Code List	Agency	Code List	Format
Weave Type		eBIZ T17	XML
Code Tag	Code Value		
BA	2/2 twill weave		
BE	birds eye weave		
CO	corduroy weave		
	ETC		


Code List	Agency	Code List	Format
Garment attributes		eBIZ NT41	XML
Code Tag	Code Value		
C	neck center sleeve length		
CL	Neck		
CV	Crotch		
	ETC		

Code List	Agency	Code List	Format
Apparel Section		eBIZ T48	XML
Code Tag	Code Value		
BB	bottom back		
BF	bottom fore/front		
CO	Collar		
	ETC		

Code List	Agency	Code List	Format
Additional attributes		eBIZ T44	XML
Code Tag	Code Value		
CC	colour card		
CL	sales collection		
CO	company identification code		
	ETC		


Code List		Agency	Code List	Format
Fabric Technical Category (derived from eBIZ standard)			Requested	XML ⁷
Code Tag	Code Value	Code definition		
1	Construction	Construction details.		
2	Colour Fastness	Colour fastness details.		
3	Dimension Stability	Dimensional stability measures details.		
4	Mechanical	Mechanical properties measurements details.		
5	Ecological	Ecological details.		

Code List	Agency	Code List	Format
Fabric Technical Characteristic Code Type (CFM)		eBIZ T13	XML
Code Tag	Code Value		
CMA	resistance to pilling (UNI.E.1512434)		
SLA	colour fastness to light (ISO 105-B02)		
STA	dimensional stability to steaming press - length (DIN 53894-2)		
	ETC		

Code List	Agency	Code List	Format
Value Base System		eBIZ T423	XML
Code Tag	Code Value		
1	arab numbers		
2	latin numbers		
3	symbols		
	ETC		


4.4 Classification


4.4.1 Crop


Code List	Agency	Code List	Format
Indicative Crop Classification for the agricultural	 Food and Agriculture Organization of the United Nations	FAO 1.1 (World Programme for the census of Agriculture 2020)	PDF
Code Tag	Code Value		
9.02.01.01	Cotton		
9.02.01.02	Jute, kenaf, and other similar crops		
9.02.01.04	Flax		
9.02.01.05	Hemp		
9.02.01.90	Other temporary fibre crops		
	ETC		

⁷ Not yet published


4.4.3 Chemical


Code List	Agency	Code List	Format
Chemical Elements		eBIZ T49	XML
Code Tag	Code Value		
ALD	allergenic dye-stuff		
APE	alogenate pesticide		
AS	ARSENIC		
	ETC		

Code List	Agency	Code List	Format
CAS numbers		-	API
Code Tag	Code Value		
12002-61-8	actinium(III) oxide		
27039-77-6	silver tetrachloroaluminate		
7785-23-1	silver bromide		
	ETC		

Code List	Agency	Code List	Format
Manufacturing Restricted Substance List		ZDHC MRSL 2.0	HTML
Code Tag (Cas no)	Code Value		
104-40-5 11066-49-2 25154-52-3 84852-15-3	Nonylphenol (NP), mixed isomers		
9016-45-9 26027-38-3 37205-87-1 68412-54-4 127087-87-0	Nonylphenoethoxylates (NPEO)		
	ETC		


4.4.4 Pesticides


Code List	Agency	Code List	Format
Pesticides by Hazard		WHO 2009	PDF
Code Tag (UN/Cas no)	Code Value		
2689 / 96-24-2	3-Chloro-1,2-propanediol [C]		
	ETC		


Code List	Agency	Code List	Format
Pesticides List Classification		BCI 2009	Spreadsheet
Code Tag	Code Value		


1563-66-2	Carbofuran
	ETC

4.4.5 Product


Code List	Agency	Code List	Format
Harmonized System (HS) Codes Textiles and textiles articles		WCO 2017	HTML
Code Tag	Code Value		
5201.00	Cotton, not carded or combed.		
5202.00	Cotton waste (including yarn waste and garnetted stock).		
	ETC		


Code List	Agency	Code List	Format
Harmonized System (HS) Codes Raw hides and skins, leather etc		WCO 2017	HTML
Code Tag	Code Value		
4101	Raw hides and skins of bovine (including buffalo) or equine animals (fresh, or salted, dried, limed, pickled or otherwise preserved, but not tanned, parchment-dressed or further prepared), whether or not dehaired or split.		
4102	Raw skins of sheep or lambs (fresh, or salted, dried, limed, pickled or otherwise preserved, but not tanned, parchment- dressed or further prepared), whether or not with wool on or split, other than those excluded by Note 1 (c) to this Chapter.		
	ETC		


Code List	Agency	Code List	Format
Global Product Classification Clothing (67), Footwear (63)		GS1 June 2020	Spreadsheet
Code Tag	Code Value		
67030000	Activewear		
5202.00	Cotton waste (including yarn waste and garneted stock).		
ETC			


Code List	Agency	Code List	Format
Product (Category)		Textile Exchange ASR-213-V1.0	PDF
Code Tag	Code Value		
PC0001	Men's apparel		
PC0002	Women's apparel		
PC0003	Babies' apparel		
	ETC		


Code List	Agency	Code List	Format
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Product (Details - Type/)		Textile Exchange ASR-213-V1.0	PDF
Code Tag	Code Value		
PD0001	Overcoats, jackets, vests		
PD0002	Suits, suit- pants		
PD0003	Pants, trousers		
	ETC		

Code List	Agency	Code List	Format
Products		Global Textile Scheme 2021 (25% finished)	HTML
Code Tag	Code Value		
In development	In development		
	ETC		


Code List	Agency	Code List	Format
Raw Material		Textile Exchange ASR-213-V1.0	PDF
Code Tag	Code Value		
RM0218	Acetate		
RM0156	Acrylic		
RM0001	Alpaca		
	ETC		


Code List	Agency	Code List	Format
Leather classification		European Union	PDF
Code Tag	Code Value		
4203...	Garments and apparel -		
4203...	Gloves, mittens and mitts -		
4203...	Belts and bandoliers -		
4203...	Other clothing accessories -		
	ETC		

Code List	Agency	Code List	Format
Fibre Types		eBIZ T19	XML
Code Tag	Code Value		
AB	Abaca		
AC	Acetate		
AF	other fibres		
ETC			


Code List	Agency	Code List	Format
Yarn Category		eBIZ NT31	XML
Code Tag	Code Value		


CAN	Carded
EXT	Extrusion
FSE	dry-spun
	ETC

Code List	Agency	Code List	Format
Yarn (kind)		eBIZ T54	XML
Code Tag	Code Value		
01	Spun yarn (Staple yarn)		
02	Worsted		
03	Woollen		
	ETC		


Code List	Agency	Code List	Format
Fabric Category		eBIZ NT32	XML
Code Tag	Code Value		
CIR	circular knitted		
JAC	Jacquard		
RAT	Dobby		
	ETC		

4.5 Colour

Code List	Agency	Code List	Format
Colour Light Source		eBIZ T59	XML
Code Tag	Code Value		
D	Dark		
A	home tungsten CCT 2856K°		
C	daylight CCT 6774K°		
	ETC		


Code List	Agency	Code List	Format
Colour Type		eBIZ NT26	XML
Code Tag	Code Value		
D	Dark		
L	Light		
P	Pastel		

4.6 Contact


Code List	Agency	Code List	Format
Contact Type		UNCL 3129	HTML
Code Tag	Code Value	Code definition	
AA	Insurance contact	Department/person to contact for matters regarding insurance.	
AB	Workshop contact	Department/person to contact for matters regarding the workshop.	
AC	Accepting contact	Department/person in charge of accepting incoming goods.	

	ETC	
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4.7 Country

Code List	Agency	Code List	Format
Country Code		UNCL 3207	HTML
Code Tag	Code Value		
AD	ANDORRA		
AE	UNITED ARAB EMIRATES		
AF	AFGHANISTAN		
	ETC		


4.8 Date Time

Code List	Agency	Code List	Format
Date Time format		UNCL 2379	HTML
Code Tag	Code Value	Description	
2	DDMMYY	Calendar date: D = Day; M = Month; Y = Year.	
3	MMDDYY	Calendar date: M = Month; D = Day; Y = Year.	
4	DDMMCCYY	Calendar date C=Century; Y=Year; M=Month; D=Day.	
	ETC		


4.9 Document Status

Code List	Agency	Code List	Format
Document status		UNCL 1373	HTML
Code Tag	Code Value	Description	
1	Accepted	The specified document is accepted.	
2	Accompanying goods	Notice that a specific document will be accompanying the goods.	
3	Conditionally accepted	The specified document is conditionally accepted.	
	ETC		

4.10 Document Type


Code List	Agency	Code List	Format
Document Names		UNCL 1001	HTML
Code Tag	Code Value	Description	
1	Certificate of analysis	Certificate providing the values of an analysis.	
2	Certificate of conformity	Certificate certifying the conformity to predefined definitions.	
3	Certificate of quality	Certificate certifying the quality of goods, services etc.	
	ETC		


4.11 Dye Material

Code List	Agency	Code List	Format
Dye Material		eBIZ T16	XML
Code Tag	Code Value		


AC	chrome acid dyestuff
AN	acid dyestuff
CA	basic dyestuff
	ETC

4.12 Fault


Code List	Agency	Code List	Format
Fabric Fault Category		eBIZ NT13	XML
Code Tag	Code Value		
CL1	class 1		
CL2	class 2		
CL3	class 3		
	ETC		

Code List	Agency	Code List	Format
Fabric Fault Type		eBIZ T12	XML
Code Tag	Code Value		
AA1	warpway thick end		
AA2	weftway thick pick		
AA3	thin end/pick		
	ETC		

4.13 Gender


Code List	Agency	Code List	Format
Representation of human sexes		UNCL 3499	HTML
Code Tag	Code Value		
0	Not known		
1	Male		
2	Female		
	ETC		


4.14 Inspection


Code List	Agency	Code List	Format
Inspection Type		UNCL	XML ⁸
Code Tag	Code Value	Description	
1	Organizational Inspection	Inspection on organizational aspects.	
2	Process Inspection	Inspection on a process.	
3	Product Batch Inspection	Inspection on a product batch.	
	ETC		

⁸ Not yet published


4.15 Inventory

Code List		Agency	Code List	Format
Inventory Type			UNCL 7491	HTML
Code Tag	Code Value	Description		
1	Accepted product inventory	Inventory of products accepted by control of incoming products.		
2	Damaged product inventory	Inventory of damaged products.		
3	Bonded inventory	Inventory of products bonded for customs reasons.		
	ETC			


Code List		Agency	Code List	Format
Inventory Movement Reason			UNCL 4499	HTML
Code Tag	Code Value	Description		
1	Reception	Goods received at warehouse from another party or warehouse.		
2	Delivery	Goods which have been delivered from the inventory to another party or warehouse.		
3	Scrapped parts	Adjustment due to scrapped parts.		
	ETC			

Code List		Agency	Code List	Format
Reason for Transportation			eBIZ NT11	HTML
Code Tag	Code Value			
FRW	return from re-works			
FST	return from storage			
FVW	return from view			
	ETC			


4.16 Language

Code List		Agency	Code List	Format
Language Name Code (ISO 639-1)			UNCL 3453	HTML
Code Tag	Code Value			
AA	Afar			
AB	Abkhazian			
AE	Avestan			
	ETC			


4.17 Location

Code List		Agency	Code List	Format
Location Function Code			UNCL 3227	HTML
Code Tag	Code Value	Description		
1	Place of terms of delivery	(3018) Point or port of departure, shipment or destination, as required under the applicable terms of delivery, e.g. Incoterms.		


2	Payment location	[3109] To identify the place where the payment has been or should be made.
3	Tare check place	Place where equipment tare has been or must be checked for official assessment.
	ETC	

Code List	Agency	Code List	Format
UN Location Code		UNECE Rec16	Different Formats
Code Tag	Code Value	Description	
GB BHT	Blackheath/London	Blackheath/London	
GB AKR	Blackmoor	Blackmoor	
GB BKX	Blackmore End	Blackmore End	
	ETC		


4.18 Market


Code List	Agency	Code List	Format
Market Segment		eBIZ T422	Text/XML
Code Tag	Code Value	Description	
B	Baby		
C	Child		
K	Kid		

4.19 Note Subject

Code List	Agency	Code List	format
Note Subject		UNCL 4451	HTML
Code Tag	Code Value	Description	
AAI	General information	The text contains general information.	
AAY	Certification statements	The text contains certification statements.	
ITS	Testing instructions	Instructions regarding the testing that is required to be carried out on the items in the transaction.	
	ETC		


4.20 Package (logistic units)

Code List	Agency	Code List	Format
Package Type		UNCEFACT Rec21	Spreadsheet
Code Tag	Code Value	Description	
4H	Box, plastic		
5H	Bag, woven plastic		
5L	Bag, textile		
	ETC		


Code List	Agency	Code List	Format
Package Marking		UNCL 7233	HTML
Code Tag	Code Value	Description	


1	Product ingredients not marked on package	The ingredients of the product are not marked on the packaging of the product.
2	Product price not marked on packaging	The product price is not marked on the packaging of the product.
3	Product best before date not marked on product package	The product best before date is not marked on the packaging of the product.
	ETC	

4.21 Party


Code List	Agency	Code List	Format
Party Function (Role)		UNCL 3035	HTML
Code Tag	Code Value	Description	
AA	Party to be billed (AAR Accounting rule 11)	Party to be billed in accordance with AAR Accounting rule 11.	
AB	Buyer's agent/representative	Third party who arranged the purchase of merchandise on behalf of the actual buyer.	
AE	Declarant's agent/representative	Any natural or legal person who makes a declaration to an official body on behalf of another natural or legal person, where legally permitted (CCC).	
	ETC		


4.22 Picture


Code List	Agency	Code List	Format
Resolution Type		eBIZ NT71	XML
Code Tag	Code Value		
Dpi	dots per inch		
Ppi	pixels per inch		


Code List	Agency	Code List	Format
(picture) Intended Use Codes		eBIZ NT72	XML
Code Tag	Code Value		
ICO	online icon		
IMG	generic online image		
IML	online image large		
	ETC		


4.23 Process


Code List	Agency	Code List	Format
Process (Description) Type		UNCL 7187	HTML
Code Tag	Code Value	Description	
1	Wood preparation	A process to prepare wood.	
2	Causticizing	Treatment with a caustic agent.	
3	Digesting	A process of digesting.	
	ETC		


Code List	Agency	Code List	Format
Process (Textile) Type		Textile Exchange ASR-213-V1.0	PDF
Code Tag	Code Value		
PR0001	Boiling		
PR0002	Breeding		
PR0003	Biological Recycling		
	ETC		

Code List	Agency	Code List	Format
Process (Raw Material)		eBIZ T200	XML
Code Tag	Code Value		
1	Dejarrare		
2	to wash		
3	to dry		
	ETC		


Code List	Agency	Code List	Format
Process (Yarn)		eBIZ T201	XML
Code Tag	Code Value		
8	to re-comb		
9	to prepare		
10	to card		
	ETC		

Code List	Agency	Code List	Format
Process (Fabric)		eBIZ T202	XML
Code Tag	Code Value		
50	to warp		
51	to weave		
52	to dye		
	ETC		


Code List	Agency	Code List	Format
Process (Knitting/Clothing)		eBIZ T205	XML
Code Tag	Code Value		
10	Cutting		
20	Sewing		
30	manufacturing		
	ETC		

Code List	Agency	Code List	Format
Process (Dye/Print)		eBIZ T15	XML


Code Tag	Code Value
CP	cylinder printing
DP	discharge printing
FI	fibre dyed - spun dyed
	ETC


Code List	Agency	Code List	Format
Process (Darning)		eBIZ T20	XML
Code Tag	Code Value		
301	Clamp		
302	fine darn		
303	gross darn		
	ETC		


4.24 Responsible Agency

Code List	Agency	Code List	Format
Code List Responsible Agency Code		UNCL 3055	HTML
Code Tag	Code Value		
1	CCC (Customs Co-operation Council)		
2	CEC (Commission of the European Communities)		
3	IATA (International Air Transport Association)		
	ETC		


4.25 Species


Code List	Agency	Code List	Format
Cites Endangered Species of Wild Fauna and Flora		CITES Index	HTML
Code Tag	Code Value		
67301	Bitis worthingtoni		
	ETC		

Code List	Agency	Code List	Format
Agricultural Species		EU Database	HTML
Code Tag	Code Value		
A – 88	COTTON - GOSSYPIUM SPP.		
	ETC		


Code List	Agency	Code List	Format
Agricultural Produce (Plants)		EPPO Codes	Database file
Code Tag	Code Value		
165250	Gossypium		
	ETC		


4.26 Status


Code List		Agency	Code List	Format
Trade and Transport Status Codes			UNECE Rec24	Spreadsheet
Code Tag	Code Value	Description		
1	Arrival, completed	The goods/consignment/equipment/means of transport has arrived.		
2	Loading, authorized	Authorisation to load has been given.		
3	Arrival, in defective condition	The goods/consignment/equipment or a means of transport has arrived in a defective condition.		
	ETC			

Code List		Agency	Code List	Format
Status Codes (For transport status, use UN/ECE Recommendation 24, see above)			UNCL 4405	HTML
Code Tag	Code Value	Description		
1	To be done	Remark that the requested service in the order remains outstanding.		
2	Done	The instruction has been completed.		
3	Passed on	The information has been passed on.		
	ETC			

4.27 Sustainability⁹


Code List		Agency	Code List	Format
Sustainability Standards			ITC Standards Map	HTML
Code Tag	Code Value			
	Better Cotton Initiative – BCI			
	Amfori – BSCI			
	CanadaGAP			
	ETC			

Code List		Agency	Code List	Format
Sustainability Category (Pillar)			ITC Standards Map	HTML
Code Tag	Code Value			
	Environmental themes			
	Social themes			
	Management themes			
	Quality themes			
	Ethics and integrity themes			


Code List		Agency	Code List	Format
Sustainability Sub-Category (sub of pillar)			ITC Standards Map	HTML
Code Tag	Code Value			


⁹ [ITC Standards Map](#) provides per standard the minimum requirements.


	Water
	Waste
	Soil
	ETC of Environment theme (9900)

Code List	Agency	Code List	Format
Sustainability Criteria (Criteria used by standard)	 International Trade Centre	ITC Standards Map	HTML
Code Tag	Code Value		
	Criteria on soil quality, productivity and biodiversity		
	Other criteria on soil		
	Criteria on soil nutrients		
	Criteria on soil erosion		
	ETC		


4.28 Technology

Code List	Agency	Code List	Format
Yarn		eBIZ T261	XML
Code Tag	Code Value		
01	standard spinning		
02	spinning frames		
03	compact spinning		
	ETC		


Code List	Agency	Code List	Format
Fabric		eBIZ T262	XML
Code Tag	Code Value		
50	fractional warping		
51	sectional warping		
52	samples warping		
	ETC		


Code List	Agency	Code List	Format
Printing (Fabric)		eBIZ T264	XML
Code Tag	Code Value		
FL	flat printing		
HA	hand printing		
IJ	inkjet printing		
	ETC		


4.29 Test


Code List	Agency	Code List	Format
Colour fastness test (Yarn)		eBIZ T57	XML
Code Tag	Code Value		


1	to decatizingal (UNI EN ISO 105-E10:98)
2	to bleaching: peroxide (UNI EN ISO 105-N02:97)
3	to bleaching: hypochlorite (UNI EN 20105-N01:97)
	ETC


Code List	Agency	Code List	Format
Colour Test Types		eBIZ NT38	XML
Code Tag	Code Value		
1	only colour test		
2	with colour test		
	ETC		




Code List	Agency	Code List	Format
Fast Test Types		eBIZ T14	XML
Code Tag	Code Value		
A1	press test angle – warpway		
A2	press test angle – weftway		
B1	bending rigidity – warpway		
	ETC		


Code List	Agency	Code List	Format
Health Effects		OECD	PDF
Code Tag	Code Value		
433	Acute Inhalation Toxicity: Fixed Concentration Procedure		
442C	In Chemico Skin Sensitisation		
	ETC		


Code List	Agency	Code List	Format
Effects on Biotic Systems		OECD	PDF
Code Tag	Code Value		
222	Earthworm Reproduction Test (<i>Eisenia fetida</i> / <i>Eisenia andrei</i>)		
232	Collembolan Reproduction Test in Soil		
239	Water-Sediment <i>Myriophyllum Spicatum</i> Toxicity Test		
	ETC		


Code List	Agency	Code List	Format
Environmental Fate and Behaviour		OECD	PDF
Code Tag	Code Value		
301	Ready Biodegradability		
302B	Inherent Biodegradability: Zahn-Wellens/ EVPA Test		
316	Phototransformation of Chemicals in Water – Direct Photolysis		
	ETC		


Code List	Agency	Code List	Format
Leather Chemical Tests		ISO 20137:2017	PDF
Code Tag	Code Value		
EN 1122	Plastics — Determination of cadmium - Wet decomposition method		
ISO 17070	, Leather — Chemical tests — Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentachlorophenol content		
	ETC		
ISO / IULTCS / CEN TC 289			

Code List	Agency	Code List	Format
Leather Tests	  	ISO Quality Standards IULTCS standards	PDF
Code Tag	Code Value		
IUF 421	Evaluates the resistance of the colour of leather to the prolonged action of water.		
IUF 423	Assesses the colour fastness to mild washing.		
IUF 435	Determining the resistance of leather in a washing machine.		


Code List	Agency	Code List	Format
Leather for apparel (excluding furs)		ISO 14931	PDF
Code Tag	Code Value		
ISO 11642	Leather — Tests for colour fastness — Colour fastness to water		
	ETC		

Code List	Agency	Code List	Format
Yarn Operation Parameters		eBIZ T281	XML
Code Tag	Code Value		
1	ring diameter		
2	package weight		
3	yarn clearance		
	ETC		


Code List	Agency	Code List	Format
Yarn Quality Parameters		eBIZ T58	XML
Code Tag	Code Value		
1	actual count		
2	elongation % at break (UNI-EN-ISO 2062:97)		
3	breaking force (UNI-EN-ISO 2062:97)		


Code List	Agency	Code List	Format
Fabric Operation Parameters		eBIZ T282	XML
Code Tag	Code Value		
1	reed width		


2	number of blades
3	number of warp beams
	ETC

Code List	Agency	Code List	Format
Print Parameter		eBIZ T45	XML
Code Tag	Code Value		
NC	number of colours		
RL	repeat length		
RW	repeat width		


4.30 Transportation

Code List	Agency	Code List	Format
Transport Mode		UNCEFACT Rec19	PDF
Code Tag	Code Value		
1	Maritime transport		
2	Rail transport		
3	Road transport		
	ETC		

Code List	Agency	Code List	Format
Transport Means		UNCEFACT Rec28	Spreadsheet
Code Tag	Code Value		
50 1	Grain vessel Vessel designed to carry grain.		
50 2	Timber/log carrier Vessel designed to carry logs and timber.		
50 3	Wood chips vessel Vessel designed to carry wood chips.		
50 4	Steel products vessel Vessel designed to carry steel products.		
	ETC		

Code List	Agency	Code List	Format
Transport Equipment		UNCL 8053	HTML
Code Tag	Code Value		
12	Europallet		
13	Scandinavian pallet		
14	Trailer		
	ETC		











4.31 Unit of measure

Code List	Agency	Code List	Format
Unit of Measure		UNCEFACT Rec20	HTML
Code Tag	Code Value		
KMT	kilometre		
	ETC		

5 Overview identifier schemes

An identifier is a character string used to identify and distinguish uniquely, one instance of an object in an identification scheme from all other objects within the same scheme, such as a product identification identifier.

In addition, an identifier value may be accompanied by supplementary data components specifying additional information on the identifier, such as the ID, agency ID, version ID etc. In case an identifier of a particular entity is unbounded, each ID will have another agency assigned.





Object type	Example(s) of identifier schemes
Animal 	- ICAR
Product / Material 	- GS1 GTIN (Global Trade Item Number) ¹⁰
Product Instance 	- SGTIN (Serialized GTIN)
Batch 	- GS1 SGTIN + batch/lot no, serial no
Chemical 	- CASRN (CAS Registry Number) ¹¹
Consignment Consignment Item 	- GS1 GINC Global Identification Number for Consignment - WCO UCR Unique Consignment Reference
Delivery (trade shipment) 	- GS1 GSIN (Global Shipment Reference Number) ¹²
Device / Machine 	- GS1 GMN (Global Model Number)
Location / Plot / Facility 	- UN LOCODE - GLN / SGLN (Global Location Number, Sub-GLN) - Global G.A.P GLN - OAR ID (Open Apparel Registry ID for facility) - Plus Codes ¹³
Organization 	- LEI (Legal Entity Identifier , Global Identifier) - VAT ID issued by government.

¹⁰ The GSMP General Merchandise Work Team validated the original Global Trade Item Number allocation rules and concluded that they are applicable to the apparel and home fashions product category

¹¹ CASRNs are generally serial numbers (with a check digit).


¹² Global Shipment Identification Number (GSIN) is a GS1 freight number used to number a specified number of logistic units included in the same shipment.


¹³ Unique identifiers of a geographical area, Plus Codes technology is open source and free to create and use.


Object type	Example(s) of identifier schemes
Logistic Package (Logistic Unit) 	SSCC (Serial Shipping Container Code)
Party 	GLN
Transport Equipment 	<ul style="list-style-type: none"> - Bureau International des Containers (BIC): Container Identification Number - GS1 GIAI (Global Individual Asset Identifier) (Globally Identifier)
Transport Means 	<ul style="list-style-type: none"> - IMO Vessel Number (International Maritime Organization, SOLAS) - VIN (vehicle identification number, ISO 3779) (Global Identifier)

6 Annex – Glossaries/Reference documents


6.1.1 Glossaries


Reference	Agency	Glossary	Format
Leather and Textile Glossary		Leather Textile	PDF (Leather) PDF (Textile)
Term	Definition		
Raw Hide	hide which has only been treated to preserve it		
	ETC		


Reference	Agency	Glossary	Format
Leather glossary		ISO 15115:2019	PDF
Term	Definition		
acid bate	bate (3.6) that has optimum activity in the pH range of 3 to 5		
	ETC		

Reference	Agency	Glossary	Format
Glossary of terms relating to hides, skins and leather (First Revision)	 Bureau of Indian Standards The National Standards Body of India	BIS Bureau of Indian Standards ICS 01.040.59;140.20	PDF
Term	Definition		
Alligator	A closely allied species of crocodile.		
Alligator Grained Leather	Imitation embossed alligator grain which is put on various types of leather such as calf, sheep or side upper as distinguished from the genuine reptilian leather.		
	ETC		


6.1.2 Reference documents


Reference	Agency	Standard	Format
Natural fibres – Generic names and definitions		ISO 6938 /2012	PDF
Term	Definition		
VISCOSE			
	ETC		


Reference	Agency	Standard	Format
Man-made fibre - Generic names		UNI EN ISO 2076	PDF
Term	Definition		
VISCOSE			
	ETC		

Reference	Agency	Standard	Format
Sustainability Standards (Referenced Standard)		ISO 26000	PDF
Standard			
- See webpage -			

ETC

Reference	Agency	Brochure	Format
Voluntary Sustainability Standards	 UNFSS United Nations Forum on Sustainability Standards <small>a joint initiative of FAO, ITC, UNCTAD, UN Environment and UNIDO</small>	UNFSS 2021	PDF
Voluntary Sustainability Standards collaboration among United Nations agencies:			
<ul style="list-style-type: none"> • The Food and Agriculture Organization of the United Nations (FAO) • The International Trade Centre (ITC) • The United Nations Conference on Trade and Development (UNCTAD) • The United Nations Environment Programme (UN Environment) • The United Nations Industrial Development Organization (UNIDO) 			
ETC			

Reference	Agency	Document	Format
Technical Quality Final Product Parameter	 TextileExchange	GLOBAL ORGANIC TEXTILE STANDARD (GOTS) VERSION 6.0	PDF
Examples			
Dry			
Wet			
Shade Change			
ETC			

Reference	Agency	Document	Format
TALES of ITALIAN LEATHER / Sustainability	 UNIC CONGREGAZIONE ITALIANA	UNIC Italian Tanners' Association, 2017	PDF