

Classification – product tables

One of the most important customs tables, in which master data is recorded, is the Products screen. This screen is fed by two other screens where customs relevant information is recorded. One of those screens is the “Customs Product Codes”. In this screen all de CN codes are recorded.

Customs Product Codes												
Customs Product Codes <input type="checkbox"/> Show inactive products												
Official Product Description *	Hs Code *	Sub Heading		Additional Taric			EMCS Product Code	Product Group	Active *	Date	Created by User	Date
	Cn *	Taric *	First *	Second *	Vat *	Excise *						
220710 00.12-00.40	220710	0	0	12	0	0	40	S300	<input checked="" type="checkbox"/>	31-MAY-13 15:04	MDB	31-MAY-13 13:04
220720 00.12-00.00	220720	0	0	12	0	0	0	S400	<input checked="" type="checkbox"/>	31-MAY-13 15:06	MDB	31-MAY-13 13:06
270720 00.10-00.42	270720	0	10	0	0	0	42	E300	<input checked="" type="checkbox"/>	02-JAN-13 16:10	MAK	02-JAN-13 15:10
270730 00.10-00.42	270730	0	10	0	0	0	42	E300	<input checked="" type="checkbox"/>	02-JAN-13 16:18	MAK	02-JAN-13 15:18
270750 00.10-00.42	270750	0	10	0	0	0	42	E300	<input checked="" type="checkbox"/>	02-JAN-13 16:18	MAK	02-JAN-13 15:18
270900 10.00-00.00	270900	10	0	0	0	0	0		<input checked="" type="checkbox"/>	10-OCT-07 20:06	DAR	10-OCT-07 18:06
271012 21.90-00.42	271012	21	90	0	0	0	42	E480	<input checked="" type="checkbox"/>	26-DEC-11 16:11	TOM	26-DEC-11 15:11
271012 25.99-00.42	271012	25	99	0	0	0	42	E480	<input checked="" type="checkbox"/>	26-DEC-11 16:11	TOM	26-DEC-11 15:11
271012 41.90-00.42	271012	41	90	0	0	0	42	E420	<input checked="" type="checkbox"/>	26-DEC-11 16:11	TOM	26-DEC-11 15:11
271012 45.90-00.42	271012	45	90	0	0	0	42	E420	<input checked="" type="checkbox"/>	26-DEC-11 16:11	TOM	26-DEC-11 15:11
271012 49.90-00.42	271012	49	90	0	0	0	42	E420	<input checked="" type="checkbox"/>	26-DEC-11 16:11	TOM	26-DEC-11 15:11
271012 90.90-00.42	271012	90	90	0	0	0	42	E490	<input checked="" type="checkbox"/>	26-DEC-11 16:11	TOM	26-DEC-11 15:11
271019 21.00-00.48	271019	21	0	0	0	0	48	E450	<input checked="" type="checkbox"/>	17-APR-12 11:40	MDB	17-APR-12 09:40
271019 25.00-00.48	271019	25	0	0	0	0	48	E450	<input checked="" type="checkbox"/>	31-MAY-10 15:54	MDB	31-MAY-10 13:54
271019 29.00-00.48	271019	29	0	0	0	0	48	E480	<input checked="" type="checkbox"/>	10-OCT-07 20:06	DAR	10-OCT-07 18:06
271019 43.90-00.46	271019	43	90	0	0	0	46	E430	<input checked="" type="checkbox"/>	26-DEC-11 16:11	TOM	26-DEC-11 15:11
271019 43.90-00.46 red dye	271019	43	90	0	0	0	46	E440	<input checked="" type="checkbox"/>	15-MAY-13 16:16	MDB	15-MAY-13 14:16
271019 45.00-00.49	271019	45	0	0	0	0	49	E430	<input checked="" type="checkbox"/>	10-OCT-07 20:06	DAR	10-OCT-07 18:06
271019 46.90-00.49	271019	46	90	0	0	0	49	E430	<input checked="" type="checkbox"/>	28-DEC-11 18:01	MDB	28-DEC-11 17:01
271019 46.90-00.49 red dye	271019	46	90	0	0	0	49	E440	<input checked="" type="checkbox"/>	15-MAY-13 16:16	MDB	15-MAY-13 14:16
271019 47.90-00.49	271019	47	90	0	0	0	49	E430	<input checked="" type="checkbox"/>	26-DEC-11 16:11	TOM	26-DEC-11 15:11
271019 47.90-00.49 red dye	271019	47	90	0	0	0	49	E440	<input checked="" type="checkbox"/>	15-MAY-13 16:09	MDB	15-MAY-13 14:09
271019 48.10-00.49	271019	48	10	0	0	0	49	E430	<input checked="" type="checkbox"/>	26-DEC-11 16:11	TOM	26-DEC-11 15:11
271019 48.90-00.49	271019	48	90	0	0	0	49	E430	<input checked="" type="checkbox"/>	30-DEC-11 10:30	MDB	30-DEC-11 09:30
271019 62.00-00.66	271019	62	0	0	0	0	66	E470	<input checked="" type="checkbox"/>	26-DEC-11 16:11	TOM	26-DEC-11 15:11
271019 64.00-00.66	271019	64	0	0	0	0	66	E470	<input checked="" type="checkbox"/>	26-DEC-11 16:11	TOM	26-DEC-11 15:11
271019 68.00-00.66	271019	68	0	0	0	0	66	E470	<input checked="" type="checkbox"/>	26-DEC-11 16:11	TOM	26-DEC-11 15:11
271019 99.00-00.66	271019	99	0	0	0	0	66	E470	<input checked="" type="checkbox"/>	07-OCT-08 13:57	SEV	07-OCT-08 11:57

The other screen is the “Duty & Excise Taxes” screen. In this screen all the relevant taxes are assigned to each product group. This concerns import duties, excise duties, energy and stock levy. When tax rates are updated, the “old” product group needs to be put “inactive” and a new product group needs to be created. By doing this, old rates remain preserved in Tomcat.

Tax Product Groups		Declared in		Tax Types			
Code *	Weight	Description *	Weight	Description *	Comments	Created by	User Date
AROMATES	<input type="checkbox"/>	AROMATE GASOLINE COMPONENTS				TOM	17-SEP-C
BIODIESEL	<input type="checkbox"/>	BIODIESEL / PMFA				OLP	14-NOV-C
BUTANE	<input checked="" type="checkbox"/>	BUTANE				TOM	17-SEP-C
CONDENSATE	<input checked="" type="checkbox"/>	GAS CONDENSATE				TOM	17-SEP-C
ETHANOL	<input type="checkbox"/>	ETHANOL (DENATURATED)				TOM	17-SEP-C
ETHERS	<input checked="" type="checkbox"/>	ETHERS (MTBE/ETBE)				TOM	17-SEP-C
GO RED	<input type="checkbox"/>	Cancelled: GASOIL REDDYED S<=0.05				TOM	17-SEP-C
GO RED S<=0.001%	<input type="checkbox"/>	GASOIL REDDYED S<=0.001%				TOM	17-SEP-C
GO RED S<=0.05%	<input type="checkbox"/>	Cancelled: GASOIL REDDYED S <= 0.05				KMA	14-NOV-C
GO RED S>0.001% <= 0.2%	<input type="checkbox"/>	GASOIL REDDYED S>0.001% <= 0.2%				TOM	17-SEP-C

Product Group Tax Rates										
Tax Product Group *	Tax Type *	Effective Date *	% of Value	Curr	UOM	Comments	Status	Date	Created by	Last Modified by
AROMATES	DUT	01-JAN-07	3.000000				ACT	18-FEB-08 12:46	AEE	18-FEB-08 12:46
AROMATES	EXC	01-JAN-08		0.6888970	EUR LTR		ACT	18-FEB-08 12:46	AEE	18-FEB-08 12:46
AROMATES	EXC	01-JAN-09		0.700680	EUR LTR		ACT	07-JAN-09 11:26	MDB	07-JAN-09 11:26
AROMATES	EXC	01-JAN-10		0.713990	EUR LTR		ACT	10-FEB-10 16:13	MDB	10-FEB-10 16:13
AROMATES	EXC	01-JAN-11		0.718270	EUR LTR		ACT	03-FEB-11 11:55	MDB	03-FEB-11 11:55
AROMATES	EXC	01-JAN-12		0.730480	EUR LTR		ACT	21-DEC-11 17:50	MDB	21-DEC-11 17:50
AROMATES	EXC	01-JAN-13		0.746550	EUR LTR		ACT	02-JAN-13 14:03	MAK	02-JAN-13 14:03
AROMATES	STL	01-JAN-07		0.005300	EUR LTR		ACT	18-FEB-08 12:46	AEE	18-FEB-08 12:46
AROMATES	STL	01-AUG-09		0.005900	EUR LTR		ACT	02-JUL-09 15:55	MDB	02-JUL-09 15:55
AROMATES	STL	01-APR-13		0.008000	EUR LTR		ACT	24-MAY-13 14:20	MDB	24-MAY-13 14:20
BIODIESEL	DUT	01-JAN-07	6.500000				ACT	18-FEB-08 13:21	AEE	18-FEB-08 13:21
BIODIESEL	EXC	01-JAN-08		0.376310	EUR LTR		ACT	18-FEB-08 13:21	AEE	18-FEB-08 13:21
BIODIESEL	EXC	01-JUL-08		0.400310	EUR LTR		ACT	07-JAN-09 11:59	MDB	07-JAN-09 11:59
BIODIESEL	EXC	01-JAN-09		0.400310	EUR LTR		ACT	07-JAN-09 11:58	MDB	07-JAN-09 11:58
BIODIESEL	EXC	01-JAN-10		0.431750	EUR LTR		ACT	10-FEB-10 16:18	MDB	10-FEB-10 16:18
BIODIESEL	EXC	01-JAN-11		0.434340	EUR LTR		ACT	03-FEB-11 12:02	MDB	03-FEB-11 12:02

First all data in the screens “Customs Product Codes” and “Duty & Excise Taxes” must be completed before a new product code can be added in the screen “Products”. In the screen “Products”, the commercial names of the goods can be linked to the appropriate CN code and the appropriate product group. Like the two other tables, this table can only be updated by the customs specialist of Customer Service. She is authorized to change classifications. For example due to change in law or if after analysis it occurs that the classification given based on the documentation is incorrect. Upon receiving the goods, and after blending, the classification of the goods is verified and set down by the Customer Services department customs specialists. This is done on the basis of the documentation accompanying the goods. The quality certificate in particular plays an important role in this. The goods are classified on the basis of index numbers presenting the distillation trajectory and the sulphur concentration, for example.

The historical data is retained in Tomcat. All current product codes have the status “Active” in the products table and can be selected when creating an order.

If a CN code changes, it needs to be put “inactive” in the screen “Customs Product Codes” and the new CN code should be added to this table. Furthermore, the product codes in the “Products” screen, which are containing this CN code, also need to be put “inactive”. The product codes which are put “inactive” need to be re-created with the new CN code and the relevant product group.

In the table in the “Products” screen, it is also captured under which licence the relevant product codes can be placed. Tomcat checks when activating an order if the manipulation of the product can be preformed under the chosen licence.

In the screenshot below it shows that behind product 1-001 Gasoline Premium Unleaded the licences USF, PCC and IPR are checked. This means that manipulations of this product can be preformed under all licences.

In the same screenshot it is shown that only licences USF and IPR are checked for product 1-007 C7 (Toluene). If Customer Service wants to activate an order under licence PCC with product code 1-007, Tomcat will display the following warning: “One product involved in tank is not under the blending license of the order. Do you want to continue?”

Code *	Description *	Product Group *	PCC			Un Number *	Official Customs Product	Cn Code	Taric	Default Dens *	Uom *	Cas Nun
			USF	IPR	PCC							
005	Butane, 90% < purity < 95%	Gasoline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UN1011	271113 91.00-00.69	27111391	00	5787 D15	106-	
027	MTBE (Methyl-Tertair-Butylether)	Gasoline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UN2398	290919 90.90-00.00	29091990	90	7504 D15	1634	
030	Methanol	Methanol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UN1230	290511 00.00-00.00	29051100	00	7957 D15	67-51	
037	Raffinate 2	Gasoline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UN1965	271114 00.00-00.69	27111400	00	75 D15	6895	
059	Kerosene	Gasoil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UN1223	271019 25.00-00.48	27101925	00	7947 D15	8008	
062	Raffinate 1	Gasoline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UN1965	271114 00.00-00.69	27111400	00	75 D15	6895	
1-001	Gasoline Premium Unleaded	Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	UN1203	271012 45.90-00.42	27101245	90	7558 D15	8629	
1-003	Gasoline Regular Unleaded	Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	UN1203	271012 41.90-00.42	27101241	90	7466 D15	8629	
1-007	C7 (Toluene)	Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	UN1294	270750 00.10-00.42	27075000	10	8811 D15	108-	
1-008	C9 (Aromatics predominantly C9)	Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	UN1268	270750 00.10-00.42	27075000	10	8765 D15	1330	
1-012	Unleaded Gasoline	Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	UN1203	271012 41.90-00.42	27101241	90	7504 D15	8629	
1-014	C5/C9	Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	UN3295	271012 90.90-00.42	27101290	90	8765 D15		
1-019	Naphta (special light oils)	Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	UN1268	271012 25.99-00.42	27101225	99	7005 D15	8002	
1-020	Naphta (other light oils)	Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	UN1268	271012 90.90-00.42	27101290	90	7005 D15	8002	
1-021	Xylene	Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	UN1307	270730 00.10-00.42	27073000	10	886 D15	1330	
1-022	Alkylate	Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	UN1268	271012 90.90-00.42	27101290	90	8402 D15	6474	
1-023	pyrolysis gasoline	Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	UN3295	270750 00.10-00.42	27075000	10	8841 D15	7709	
1-025	Heavy Cat Cracked Spirit	Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	UN1268	271012 90.90-00.42	27101290	90	7401 D15	6474	
1-026	Light Cat Cracked Spirit	Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	UN1268	271012 90.90-00.42	27101290	90	6971 D15	6474	
1-029	Isomerate	Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	UN1268	271012 90.90-00.42	27101290	90	68 D15	6474	
1-033	L.O.F. (Light Oxo Fraction)	Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	UN1993	271012 25.99-00.42	27101225	99	72 D15	104-	
1-036	Raffinate	Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	UN1268	271012 25.99-00.42	27101225	99	75 D15	6895	
1-039	Reformate	Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	UN3295	270750 00.10-00.42	27075000	10	7862 D15	6895	
1-040	Blend TN 160	Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	UN3295	270750 00.10-00.42	27075000	10	7459 D15	6851	
1-041	Unleaded Gasoline RON 98	Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	UN1203	271012 49.90-00.42	27101249	90	7504 D15	8629	
1-047	C7/C9	Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	UN3295	270750 00.10-00.42	27075000	10	8765 D15	6474	
1-049	Eurograde (RON 95)	Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	UN1203	271012 45.90-00.42	27101245	90	7459 D15	8629	
1-050	Blend TN 100	Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	UN3295	270720 00.10-00.42	27072000	10	7459 D15	6474	
1-052	Light Cat Naphta	Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	UN1268	271012 90.90-00.42	27101290	90	7005 D15	6474	

Tomcat includes a table in which the trade names of the goods are linked to a CN code. This table is kept up to date by the Customer Services customs specialists, who are also authorised to change classifications, for example if there is an amendment to the statutory requirements or if analysis shows that the classification set down on the basis of the documentation is incorrect. The historic data remain on file in Tomcat. All current CN codes have the “active” status in the product table. If a CN code is changed, the same product must be created again, but then with the new CN code. The line containing the former CN code is moved to the “inactive” status. These lines do get saved. In order to consult a historic overview, the inactive lines must be filtered from the screen.

The product tables are also linked to a table in which every product is assigned a tax rate. This involves import duties, excise, energy tax and tax on stocks. If the tax rates are updated, it must be stated when this new rate will go into effect. The former rates will consequently be saved in Tomcat.