



LEMBAGA MINYAK SAWIT MALAYSIA (MPOB)
Senarai Kod dan Nama Produk Sawit

Bil	Nama Produk	Nama Kumpulan Produk	Nama Panjang Produk
1	CPO	1	CRUDE PALM OIL
2	CPS	1	CRUDE PALM STEARIN
3	CPL	1	CRUDE PALM OLEIN
4	CPKO	2	CRUDE PALM KERNEL OIL
5	CPKS	2	CRUDE PALM KERNEL STEARIN
6	CPKL	2	CRUDE PALM KERNEL OLEIN
7	NPO	1	N PALM OIL
8	RPO	1	R PALM OIL
9	NPS	1	N PALM STEARIN
10	RPS	1	R PALM STEARIN
11	NPL	1	N PALM OLEIN
12	RPL	1	R PALM OLEIN
13	BPO	1	B PALM OIL
14	BPS	1	B PALM STEARIN
15	BPL	1	B PALM OLEIN
16	NBPO	1	NB PALM OIL
17	RBPO	1	RB PALM OIL
18	NBPS	1	NB PALM STEARIN
19	RBPS	1	RB PALM STEARIN
20	NBPL	1	NB PALM OLEIN
21	RBPL	1	RB PALM OLEIN
22	NBDPO6	1	NBD PALM OIL-6 RED MAX
23	RBDPO6	1	RBD PALM OIL-6 RED MAX
24	NBDPO3	1	NBD PALM OIL-3 RED MAX
25	RBDPO3	1	RBD PALM OIL
26	NBDPS	1	NBD PALM STEARIN
27	RBDPS	1	RBD PALM STEARIN
28	NBDPL	1	NBD PALM OLEIN
29	RBDPL	1	RBD PALM OLEIN
30	RBDPKO	2	RBD PALM KERNEL OIL
31	RBDPKS	2	RBD KERNEL STEARIN
32	RBDPKL	2	RBD KERNEL OLEIN
33	PKC	5	PALM KERNEL CAKE / MEAL

34	PAO	1	PALM ACID OIL
35	PFAD	1	PALM FATTY ACID DISTILLATE
36	OA	3	OLEIC ACID
37	PA	3	PALMITIC ACID
39	LA	3	LAURIC ACID
40	SA	3	STEARIC ACID / STEARIC ACID FLAKES
41	VG	4	VEG. GHEE / VANASPATI
42	M	4	MARGARINE
43	SH	4	SHORTENING
44	CBS	4	COCOA BUTTER SUBSTITUTE
45	PMF	1	PALM MID-FRACTION / RBD PALM MID-FRACTION / SOFT PALM STEARIN
46	FB	4	FAT BLEND
47	CO	1	COOKING OIL
48	SOAP	4	SOAP CHIPS / SOAP / SOAP FLAKES / SOAP STOCK
49	SO	6	SLUDGE OIL
51	PK	11	PALM KERNEL
52	FFB	7	FRESH FRUIT BUNCHES
53	PKME	3	PALM KERNEL METHYL ESTER
54	HPKO	2	H PALM KERNEL OIL
55	HPO	1	H PALM OIL
56	PKFAD	2	PALM KERNEL FATTY ACID DISTILLATES
57	NBPKO	2	NB PALM KERNEL OIL
58	NPKO	2	N PALM KERNEL OIL
59	MAO	6	MIXED ACID OIL
61	US	1	UNDISTILLED PALM STEARIN
64	CCACID	3	CAPRYLIC - CAPRIC ACID
65	HPKS	2	H PALM KERNEL STEARIN
66	NBDPKS	2	NBD PALM KERNEL STEARIN
67	SPSFA	3	SPLIT PALM STEARIN FATTY ACID
68	NBDPKO	2	NBD PALM KERNEL OIL
69	HPOFA	3	H PALM OIL FATTY ACID
70	ME	3	METHYL ESTER
71	MER	6	METHYL ESTER RESIDUE
72	HRBDPKO	2	HRBD PALM KERNEL OIL
73	HRBDPKL	2	HRBD PALM KERNEL OLEIN
74	HRBDPKS	2	HRBD PALM KERNEL STEARIN
75	MA	3	MYRISTIC ACID
77	PKOFA	3	PALM KERNEL OIL FATTY ACID
78	HVO	4	H VEG. OIL
79	PKF	4	PALM KERNEL FAT
80	SPAO	6	SPLIT PALM ACID OIL

81	COCA	3	COCOA AMIDES
82	CBPKO	2	CRUDE B PALM KERNEL OIL
83	FA	3	FATTY ACID
84	DPO	1	DEGUMMED PALM OIL
85	DPL	1	DEGUMMED PALM OLEIN
86	DF	4	DOUGH FATS
87	HPFAD	1	H PALM FATTY ACID DISTILLATE
89	LE	3	LIGHT ENDS
91	CA	3	CAPRIC ACID
92	PSME	3	PALM STEARIN METHYL ESTER
93	ABENIH	7	SEEDLING
94	BBENIH	7	SEED
95	AKELON	7	CLONAL PLANTLET
96	DMO	6	DIRTY MIXED OIL
97	PSFA	3	PALM STEARIN FATTY ACID
98	SPFA	3	SPLIT PALM FATTY ACIDS
99	DPKOFA	3	DISTILLED PALM KERNEL OIL FATTY ACID
A0	FLO	6	FLUSHING OIL
A1	NBPKL	2	NB PALM KERNEL OLEIN
A2	SPKFA	3	SPLIT PALM KERNEL FATTY ACID
A3	HRBDPL	1	HRBD PALM OLEIN
A4	FAME	3	FATTY ACIDS METHYL ESTER
A5	NPKL	2	N PALM KERNEL OLEIN
A6	NBDPKL	2	NBD PALM KERNEL OLEIN
A7	NPKS	2	N PALM KERNEL STEARIN
A8	NBPKS	2	NB PALM KERNEL STEARIN
A9	SN	3	SOAP NOODLES / STOCK / BLEND
AA	JGQRBDPKOS	2	JGQ RBD PALM KERNEL OIL SHORTENING
AB	AE-3A	3	ALCOHOL ETHYLENE-3A
AC	LCE	3	LIGHT CUT ESTER
AD	RBD SL	1	RBD SUPER OLEIN
AE	MCE	3	MEDIUM CUT ESTER
AF	AE-7A	3	ALCOHOL ETYLENE-7A
AG	TSFA	3	TRIPLE SPLIT FATTY ACID
AH	HCE	3	HEAVY CUT ESTER / HEAVY CUT METHYL ESTER
AI	VSO	4	VEG. SHORTENING OIL
AJ	HVF	4	H VEG. FAT
AK	VCO	1	VEG. COOKING OIL
AL	RBDPSH	1	RBD PALM SHORTENING
AM	VPL	1	VEG. PALM OLEIN
AN	VO	1	VEG. OIL
AO	SOCO	3	SOCOLATE

AP	SOCF	3	SOCFAT
AQ	CACACID	3	CAPROIC-CAPRYLIC ACID
AR	CDPKOFA	3	CRUDE DISTILLED / TOPPED / STRIPPED PKOFA
AS	CUPKOFA	3	CRUDE / SPLIT UNDISTILLED PKOFA
AT	DPKOFA	3	DISTILLED / TOPPED / STRIPPED PKOFA
AU	EHP	3	2-ETHYL HEXYL PALMITATE
AV	EHS	3	2-ETHYL HEXYL STEARATE
AW	DIE	12	PALM DIESEL / BIODIESEL / METHYL ESTER
AX	EGD	3	ETHYLENE GLYCOL / GLYCEROL DISTEARATE
AY	PGP	3	POLYGLYCEROL / POLYGLYROL POLYRICINOLEATE
AZ	PS	3	POLYSORBATE
B0	RBDHPMF	1	HRBD PALM MID FRACTION
B1	PKE	5	PALM KERNEL EXPELLER
B2	PKP	5	PALM KERNEL PELLETS
B3	HFFAPO	1	HIGH FFA OIL
B4	IGPO	6	INDUSTRIAL GRADE PALM OIL
B5	RESD	6	RESIDUE OIL / SCAVENGER OIL
B6	HRBDSF	1	HRBD STEARIN FLAKES
B7	LFAD	6	LAURIC FATTY ACID DISTILLATE
B8	HRBDST	1	HRBD STEARIN
B9	HPS	1	H / HARDENED PALM STEARIN (FLAKES)
BA	PGM	3	POLYETHYLENE GLYCOL 1000 MONOSTEARATE
BB	SMO	3	SORBITAN MONOLEATE - GARDNER 6
BC	LGA	3	LOW GRADE ALCOHOL
BD	ZSOAP	3	ZINC STEARATE
BE	MGSOAP	3	MAGNESIUM STEARATE
BF	CSOAP	3	CALCIUM STEARATE
BG	SPPHPKOFA	3	SPLIT / TOPPED / HPKOFA
BH	PG1M	3	POLYETHYLENE GLYCOL 1000 MONOSTEARATE
BI	PDME	3	PALM DIESEL (METHYL ESTER)
BJ	ALS	3	ALUMINIUM STEARATE
BK	BPKOM	3	STRIPPED PKO METHYL ESTER
BL	ALSTR	3	ALUMINIUM STEARATE
BM	ALMSTR	3	ALUMINIUM MONO-STEARATE
BN	ALDSTR	3	ALUMINIUM DI-STEARATE
BO	MVO_RBDPS	1	MIXED VEG OIL-RBD PALM STEARIN
BP	ALTSTR	3	ALUMINIUM TRI-STEARATE
BQ	SA(IV>1)	3	STEARIC ACID (IV>1)
BR	HL	3	2-HEXYL LAURATE

BS	HP	3	2-HEXYL PALMITATE
BT	EMUL	3	EMULSIFIERS / GLYCERYL MONOSTEARATE
BU	IPL	3	ISO-PROPYL LAURATE
BV	MCT	3	MEDIUM CHAIN TRIGLYCERIDES
BW	MC	3	METHYL CAPRATE
BX	MCL	3	METHYL CAPRYLATE
BY	MCLC	3	METHYL CAPRYLATE-CAPRATE
BZ	MPS	3	METHYL PALMITATE-STEARATE
C0	HVG	4	H VEG. GHEE
C1	PKAO	2	PALM KERNEL ACID OIL
C2	POFAL	3	PALM OIL FATTY ALCOHOL
C3	HPL	1	H PALM OLEIN
C4	PFARES	6	PALM FATTY ACID RESIDUE
C5	POME	3	PALM OIL METHYL ESTER / PALM METHYL ESTER
C6	HPKL	2	H PALM KERNEL OLEIN
C7	HPKOFA	3	STRIPPED HPKOFA
C8	BPKL	2	B PALM KERNEL OLEIN
C9	BPKS	2	B PALM KERNEL STEARIN
CA	PKOM	3	PALM KERNEL OIL METHYL ESTER
CB	PLM	3	PALM OLEIN METHYL ESTER
CC	SPKOM	3	STRIPPED PKO METHYL ESTER
CD	CLA	3	CAPRYLYL ALCOHOL
CE	CL	3	CAPRYL ALCOHOL
CF	CLCA	3	CAPRYLYL-CAPRYL ALCOHOL
CG	DG	3	DISTILLED GLYCEROL
CH	GW	3	GLYCEROL WATER / SWEET WATER / GLYCERINE
CI	BASTR	3	BARIUM STEARATE
CJ	KSTR	3	POTASSIUM STEARATE
CK	MGSTR	3	MAGNESIUM MYRISTATE
CL	NASTR	3	SODIUM STEARATE
CM	UFO	6	USED FRYING OIL
CN	AE-2A	3	ALCOHOL ETHOXYLATE (AE-2A)
CO	AEO-3A	3	ALCOHOL ETHOXYLATE (AE-3A)
CP	ECO		ECOMAT
CR	MDF		MEDIUM DENSITY FIBREBOARD
CS	LEAVES		PALM LEAVES
CT	PEEL		PEEL OF PALM
CU	PFIBRE	6	PALM FIBRE
CV	AE-1AL	3	ALCOHOL ETHOXYLATE - 1AL
CW	AEO-7A	3	ALCOHOL ETHOXYLATE - 7A
CX	AE-9A	3	ALCOHOL ETHOXYLATE - 9A

CY	AE-8A	3	ALCOHOL ETHOXYLATE - 84
CZ	DFRDBPS	1	DOUBLE FRACT. RBD PALM STEARIN
D0	RBDDBO	1	CRUDE / RBD BLENDED PALM OIL / STEARIN / OLEIN
D1	HNBPKO	2	HNB PALM KERNEL OIL
D2	HNBDPKL	2	HNBD PALM KERNEL OLEIN
D3	HNBPKL	2	HNB PALM KERNEL OLEIN
D4	HNBPKS	2	HNB PALM KERNEL STEARIN
D5	HNBDPKO	2	HNBD PALM KERNEL OIL
D6	HNBDPKS	2	HNBD PALM KERNEL STEARIN
D7	HCBST	1	CRUDE HB STEARIN
D8	SHPFA	3	SPLIT H PALM FATTY ACID
D9	HSFA	3	H STEARIN FATTY ACID
DA	HPKF	3	H PALM KERNEL FAT
DB	LE	6	LUBEROL EMULSION
DC	LP	6	LACTO PLUS
DD	SBE	6	SPENT BLEACHING EARTH
DE	FW	6	FRUIT WASTE / OIL PALM WASTE
DF	PFAME	1	PALM FATTY ACID METHYL ESTER
DG	FADR	6	FATTY ALCOHOL DISTILLATION RESIDUES
DH	EDENOR	3	EDENOR L2SM GS
DI	PRLFAT	1	PALM OIL
DJ	REDPO	1	RED PALM OIL
DK	INTERPST	1	INTERESTIFIED PALM STEARIN
DL	INTFATBLD	4	INTERESTIFIED FAT BLEND
DM	ZNLAURATE	3	ZINC LAURATE
DN	EBS	3	ETHYLENE BIS STEARAMIDE
DO	PNP	11	PALM NUTS (NOT FOR PLANTING)
DP	PN	11	PALM NUTS
DQ	PFRONDS	13	PALM FRONDS
DR	VPO	1	VIRGIN PALM OIL
DS	DPST	1	DEGUMMED PALM STEARIN
DT	BPKO	2	BLEACHED PALM KERNEL OIL
DU	HFV	4	HYDROGENATED VEGETABLE FAT
DV	DFS	4	DAIRY FAT SUBSTITUTE
DW	PFAT	4	POWDERED FAT
DX	IMO	6	INEDIBLE MIXED OIL
DY	VFM	6	VOLATILE FATTY MATTERS
DZ	FALRES	6	FATTY ALCOHOL RESIDUES
E0	RBDMO	6	RBD MONO OIL / RBD MONO SATURATED OIL
E1	SHPS	3	SPLIT H PALM STEARIN
E2	HPSA	3	H PALM STEARIC ACID
E3	PKORES	6	PALM KERNEL OIL RESIDUE

E5	HSSA	3	H SPLIT STEARIC ACID
E6	HPKFA	3	H PALM KERNEL FATTY ACID
E7	CSFA	3	CRUDE SPLIT FATTY ACID
E8	HMFA	3	H MIXED FATTY ACID
E9	CKFA	3	CRUDE KERNEL FATTY ACID
EA	DIGO	3	DIGLYCERIDE OIL
EB	STT	3	STRUCTURED TRIGLYCERIDES
EC	MEA	3	MEDIUM END/CUT ACID
ED	HEA	3	HEAVY END / CUT ACID
EE	LINA	3	LINOLENIC ACID
EF	SHPSFA	3	SPLIT HYDROGENATED PALM STEARIN FATTY ACIDS
EG	PHG	3	PHARMACEUTICAL GLYCERINE
EH	IPL	3	ISO-PROPYL LAURATE
EI	DMPKOFA	3	DISTILLED MIXED PALM KERNEL OIL FATTY ACIDS
EJ	DMAL	3	DECYL -MYRISTYL ALCOHOL (MIXTURE C10 - C14 FATTY ALCOHOL)
EK	CSUPSFA	3	CRUDE/SPLIT UNDISTILLED PALM STEARIN FATTY ACID
EL	GTC	3	GLYCERYL TRICAPRYLATE CAPRATE /CAPRYLIC CAPRIC TRIGLYCERIDE
EM	PKDEA	3	PALM KERNEL DIETHANOLAMIDE
EN	MVO_CPKO	2	MIXED VEG.OIL-CRUDE PALM KERNEL OIL
EO	TFPS	1	TRIPLE FACTIONATION PALM STEARIN
EP	GPT	3	GLYCERINE PITCH
EQ	DMFA	3	DISTILLED MIXED FATTY ACIDS
ER	DMGLY	3	DISTILLED MONOGLYCERIDES
ES	EGMS	3	ETHYLENE GLYCOLCEROL MONO STEARATE
ET	DIE_WINTER	12	PALM DIESEL / BIODIESEL / METHYLESTER (WINTER GRADE)
EU	MLM	3	METHYL LAURATE MYRISTATE
EV	PKMF	2	PALM KERNEL MID FRACTION
EW	LCA	3	LAURYL CETYL ALCOHOL
EX	OPFMAT	6	OIL PALM FIBRE MAT
EY	CC FA	6	CAPRYLIC-CAPRIC FATTY ACID
EZ	PK MB	11	PK FOR RSPO MASS BALANCE
F0	SPST	3	SPLIT / RBD PALM STEARIN FATTY ACIDS
F1	PK SG	11	PK FOR RSPO FROM SEGREGATED
F2	TKFA	3	TOPPED PALM KERNEL FATTY ACID
F3	PK IP	11	PK IDENTITY PRESERVE
F5	RBDPFAD	3	RBDPF / RBD PALM FATTY ACID DISTILLATE
F6	DRBDPO	1	DENATURATE RBD PALM OIL
F8	VC	4	VITAMIN CONCENTRATE

F9	CG	3	GLYCERINE / CRUDE GLY / GLYCERINE
FA	IEFAT	4	INTERESTERIFIED FAT
FB	MES	3	METHYL ESTER SULPHONATE
FC	MAOIL	3	MIXED ALCOHOL OIL
FD	MLP	3	METHYL LAURATE PALMITATE
FE	F-GV0	8	FOOD GRADE VEGETABLE OIL
FF	PRE ST	3	PRE-CUT STEARIN
FG	I-PA	3	ISO-PROPYL ALCOHOL
FH	OAL	3	OCTYL ALCOHOL
FI	DIE_SPO	3	SPO-BIODIESEL
FJ	HDB		HIGH DENSITY FIBREBOARD
FK	CPAL	3	CETYL PALMITATE
FL	CETOSAL	3	CETO STEARYL ALCOHOL
FM	CTENE	4	CAROTENOID
FN	TRIE	4	TOCOTRIENOL
FO	EFB	6	EMPTY FRUIT BUNCH
FP	EHO	3	2 ETHYL HEXYL OLEATE
FQ	PREFA	3	PRE-CUT FATTY ACID
FR	UCOME	3	USED COOKING OIL METHYL ESTER
FS	MLFA	3	MIXTURE OF LAURIC FATTY ACID
FT	MFOH	3	MIXED FATTY ALCOHOL
FU	MFOHLE	3	MIXED FATTY ALCOHOL LIGHT END
FV	ABENIH TIS	7	ANAK BENIH KELAPA SAWIT DARIPADA TUMBUH-TUMBUHAN DARIPADA TISU KELAPA SAWIT
FZ	SPKLFA	2	SPLIT PALM KERNEL OLEIN FATTY ACID
G1	RG	3	PURIFIED / REFINED / DISTILL GLYCERINE / GRD GLYCERINE
G2	HPF	4	H PALM FAT
G3	RPKO	2	R PALM KERNEL OIL
G4	RL	4	RED OLEIN / RED PALM OLEIN
G5	PRYO	4	PRAYER OIL
G6	SBO	1	STABILISED PALM OIL
G9	NO	1	NUTROLEIN
GA	NBDDFPL	1	NBD DOUBLE FRACTIONATED PALM OLEIN
GE	RBDPKL MB	2	RBDPKL FOR RSPO MASS BALANCE
GF	RBDPKL SG	2	RBDPKL FOR RSPO FROM SEGREGATED
GG	RBDPKL IP	2	RBDPKL IDENTITY PRESERVE
GT	MGLY	3	MONO DIGLYCERIDE
GV	MVO_PMF	1	MIXED VEGETABLE OIL- PALM MID FRACTION
H0	HDFPL	1	H DOUBLE FRACT. PALM OLEIN
H1	SL	1	DOUBLE FRACT. RBD PALM OLEIN / SUPEROLEIN

H2	HRBDPO	1	HRBD PALM OIL
H4	FAMIN	3	FATTY AMINE
H5	IMVF	4	INEDIBLE MIXTURE OF VEGETABLE FATS
H6	NBIF	1	NB INTERESTIFIED FATTY ACID
H7	HPPS	1	HB PALM STEARIN
H8	DMFAO	3	DISTILLED MIXED FATTY ACID
H9	BOSFP/CBS	4	BUTTER OIL SUBSTITUTE
HK	SLES	3	SODIUM LAURYL ETHER SULPHATE
HM	NBDPMF	1	NBD Palm Mid Fraction
HN	ALKEN	3	ALKENNES
HO	GMST	3	GLYCEROL MONOSTEARATE
HP	BETN	3	BETAINE
HQ	DMDGLY	3	DISTILLED MONO DIGLYCERIDE
I0	SW	6	STEARIN WAX
I1	MFAO	3	MIXED FATTY ACID
I2	VEGPO	4	VEG. PALM OIL
I3	TOCO	4	TOCOPHEROLS
I4	MVAO	6	MIXED VEGETABLE ACID OIL
I5	COA	3	CAPROIC ACID
I6	HDRBDSFA	3	H DISTILLED RBD STEARIN FATTY ACID
I7	SHRBDSFA	3	SPLIT H RBD STEARIN FATTY ACID
I9	FFA	3	FRACTION / SPLIT BLEND FATTY ACID
IA	NGD	3	NEOPENTYL GLYCOL DIOLEATE
IB	PGDD	3	PROPYLENE GLYCOL DICAPRYLATE DICAPRATE
IC	PTS	3	PENTAERYTHRITOL TETRASTEARATE
ID	GTT	3	GLYCEROL TRIACETATE TRIACETIN
IE	MFA	3	MONOCARBOXYLIC FATTY ACIDS
IF	PGEFA	3	PROPYLENE GLYCOL ESTERS OF FATTY ACIDS
IG	SSL	3	SODIUM STEAROYL LACTYLATE
IH	AFAEG	3	ACETIC AND FATTY ACID ESTERS OF GLYCEROL
II	PE	3	POLYGLYCEROL ESTER
IJ	SE	3	SORBITAN ESTER
IK	DTAEM	3	DIACETYL TARTARIC ACID ESTERS OF MONOGLYCERIDES
IL	LAEM	3	LACTIC ACID ESTERS OF MONOGLYCERIDES
IM	PP	3	POLYGLYCEROL POLYRICINOLEATE
IN	GC	3	GLYCERYL STEARATE
IO	MONOGLY	3	MONOGLYCERIDES
IP	TTPTC	3	TRIMETHYLOLPROPANE
			TRICAPRYLATE/CARPRATE
IQ	PGDO	3	PROPYLENE GLYCOL DI OLEATE

IR	IL	3	ISOPENTHYL LAURATE
IS	PTT	3	PENTAERYTHRITOL TETRAOLEATE
IT	TPT	3	TRIMETHYLOL PROPANE TRI OLEATE
IU	NGDD	3	NEOPENTYL GLYCOL DICAPRYLATE DICAPRATE
IV	SML	3	SORBITAN MONO LAURATE
IW	ACEMONO	3	ACETYLATED MONOGLYCERIDES
IX	CETALCOHO	3	CETEARYL ALCOHOL
IY	CETEH	3	CETYL ETHYL HEXANOATE
IZ	ETHHL	3	ETHYL HEXYL LAURATE
J2	CRA	3	CAPRYLIC ACID
J4	DOA	3	DISTILLED OLEIC ACID
J5	DHFA	3	DISTILLED H FATTY ACID
J7	CALC	3	CRUDE ALCOHOL
J8	LAL	3	LAURYL ALCOHOL
J9	MAL	3	MYRISTYL ALCOHOL
JA	GLYMONOCA	3	GLYCEROL MONOCAPRYLATE
JB	GLYMONOLA	3	GLYCEROL MONOLAURATE
JC	GLYDIS	3	GLYCOL DISTEARATE
JD	SORTRISTE	3	SORBITAN TRISTEARATE
JE	TRIPK	3	TRIMETHYLOLPROPANE PALM KERNELATE
JF	TRITC	3	TRIMETHYLOLPROPANE TRI COCOATE
JG	TRITPKO	3	TRIMETHYLOLPROPANE TRI PALM KERNEL OIL
JH	DR RBDPL	1	DOUBLE REFINED RBD PALM OLEIN
JI	SPTE	3	SODIUM PALMITATE
JJ	G3TE	3	GLYCEROL TRIOLEATE
JK	PGMONO	3	PROPYLENE GLYCOL MONOOLEATE
JL	13D2PT	3	13-DIOLEOYL-2-PALMITOYL-TRIGLYCERIDE
JM	SMONOS	3	SORBITAN MONO STEARATE
JN	I-IST	3	ISOPROPYL ISOSTEARATE
JO	SULMETERS	3	SULPHONATED METHYL ESTERS
JP	DLOL	3	DECYL LAURYL ALCOHOL
JQ	OCTPTE	3	OCTYL PALMITATE
JR	MLS	3	METHYL LAURATE STEARATE
JS	PGMO	3	POLYGLYCEROL MONO OLEATE
JT	2EHE	3	2 ETHYL HEXANOIC ACID
JU	TMP TO	3	TRIMETHYLOLPROPANE TRIOLEATE
JV	RefGly	3	Refined Glycerine
JW	NBDPLRS	1	NBD PALM OLEIN RSPO SEGREGATED
JX	FAI C10-12	3	FATTY ALCOHOL C10 - 12
JY	BPES	6	BLEACHED PALM EFFLUENT SLUDGE
JZ	PESFAH	6	PALM EFFLUENT SLUDGE FATTY ACID HYDROLIZED

K0	NBIOL	1	NB INTERESTIFIED OLEIN
K1	CAL	3	CETYL ALCOHOL
K2	SPFAD	3	SPLIT PALM FATTY ACID DISTILLATE
K3	LAC	3	LINOLEIC ACIDS
K4	TPSA	3	TRIPLE PRESSED STEARIC ACID
K5	MS	3	METHYL STEARATE
K6	MP	3	METHYL PALMITATE
K7	GD	3	GLYCEROL DIOLEATE
K8	ML	3	METHYL LAURATE
KA	CGRIN	3	CRUDE GLYCERINE/GLYCEROL
KB	MVORBDPLMB	1	MIXED VEG OIL – RBD PALM OLEIN (MASS BALANCE RSPO CERTIFIED)
KC			
L0	NBIS	1	NB INTERESTIFIED STEARIN
L3	HFAO	6	HIGH FFA ACID OIL
L5	NBS	3	N-BUTYL STEARATE
L6	HCAL	3	HEAVY CUT ALCOHOL
L7	TG	3	TRIGLYCERIDES / GLYCEROL TRIOLEATE
L8	IPM	3	ISO PROPYL MYRISTATE
M0	VF	4	VEG. FAT
M1	PKOF	2	PALM KERNEL OIL FRACTION
M2	CF	4	COATING FAT
M3	PF	4	PALM FAT
M4	SAP	3	STEARIC ACID PRISTERENE
M5	AGM	3	ACIDO GRASO MONOCARBOXYLIC
M6	FAP	3	FATTY ACID PRISTERENE
M7	RPKL	2	R PALM KERNEL OLEIN
M8	RPKS	2	R PALM KERNEL STEARIN
M9	CBE	4	COCOA BUTTER EQUIVALENT
N0	CBEXT	4	COCOA BUTTER EXTENDER
N1	CBR	4	COCOA BUTTER REPLACER
N2	UMPOFA	3	UNDISTILLED MIXED POFA
N3	UMPSFA	3	UNDISTILLED MIXED PSFA
N4	UMPKOFA	3	UNDISTILLED MIXED PKOFA
N5	SHPKOFA	3	SPLIT H PKOFA
N6	DPOFA	3	DISTILLED / TOPPED / STRIPPED POFA
N7	DPSFA	3	DISTILLED / TOPPED / STRIPPED PSFA
N8	HPSFA	3	STRIPPED / TOPPED H / HARDENED PSFA
N9	DMPOFA	3	DISTILLED MIXED POFA
O0	DMPSFA	3	DISTILLED MIXED PSFA
O1	DMPKOFA	3	DISTILLED MIXED PKOFA
O2	SPSA	3	SINGLE PRESSED STEARIC ACID
O3	DPSA	3	DOUBLE PRESSED STEARIC ACID

O4	CLAL	3	N-OCTYL / CAPRYLYL ALCOHOL
O5	CRAL	3	N-DECYL / CAPRYL ALCOHOL
O6	ODAL	3	OCTYL-DECYL ALCOHOL
O7	L-MAL	3	LAURYL-MYRISTYL ALCOHOL
O8	SAL	3	STEARYL ALCOHOL
O9	LSAL	3	LAURYL-STEARYL ALCOHOL
P0	OSAL	3	OCTYL-STEARYL ALCOHOL
P1	CSAL	3	CETYL-STEARYL ALCOHOL
P2	MCAL	3	MIDDLE CUT ALCOHOL / MIDDLE CUT FATTY ALCOHOL
P3	PKOFAL	3	PALM KERNEL OIL FATTY ALCOHOL
P4	MC810FA	3	MIXTURE C8&C10 FATTY ALCOHOL
P5	MC1214FA	3	MIXTURE C12&C14 FATTY ALCOHOL
P6	MC1618FA	3	MIXTURE C16&C18 FATTY ALCOHOL
P7	CAM(C8)	3	CAPRYLIC ACID METHYL ESTER (CE8 ESTER)
P8	CAM(C10)	3	CAPRIC ACID METHYL ESTER (CE10 ESTER)
P9	LCM(CE810)	3	LIGHT CUT METHYL ESTER (CE810)
Q0	MCM(CE1214)	3	MEDIUM CUT METHYL ESTER (CE1214)
Q1	HCM	3	HEAVY CUT METHYL ESTER
Q2	MM	3	METHYL MYRISTATE
Q3	MO	3	METHYL OLEATE
Q4	N-BO	3	N-BUTYL OLEATE
Q5	I-OS	3	ISO-OCTYL STEARATE
Q6	I-OO	3	ISO-OCTYL OLEATE
Q7	I-BO	3	ISO-BUTYL OLEATE
Q8	I-PO	3	ISO-PROPYL OLEATE
Q9	I-PP	3	ISO-PROPYL PALMITATE
R0	F-GEE	3	FOOD-GRADE ESTERS / EMULSIFIERS
R1	F-GG	3	FOOD-GRADE GLYCERINE
R2	GM	3	GLYCEROL MONOOLEATE
R3	GTS	3	GLYCEROL TRISTEARATE
R4	GTP	3	GLYCEROL TRIPALMITATE
R5	L-MA	3	LAURIC-MYRISTIC ACID
R6	SRBDS	3	SPLIT RBD PALM STEARIN
R8	PIT O	6	PITCH OIL
R9	PSOA	3	PALMITIC-STEARIC-OLEIC ACID
S0	MFES	3	MISCELLANEOUS FATTY ESTER
S1	MSOAP	3	METALLIC SOAP
S3	NFA	3	NEUTRALISED FATTY ACID
S4	TPKP	3	TOPPED PALM KERNEL PRIFAC
S6	LAM	3	LAURIC ACID METHYL ESTER
S7	CC	3	CAPROIC CAPRIC ACID
S8	CCM	3	CAPROIC CAPRIC METHYL ESTER

S9	SPKLA	3	STRIPPED PALM KERNEL LAURIC ACID
T1	RHPS	1	RH PALM STEARIN
T7	VOL	6	VOLATILES
U0	RFS	6	RESIDUE OF FATTY SUBSTANCE
U1	DS	6	DISTILLATION RESIDUE
U5	OTHERS	8	MINYAK BUKAN DRP.KELAPA SAWIT
U7	BVO	4	BLENDED VEG. OILS
U8	BE	3	BACK-END
U9	CCNO	8	CRUDE COCONUT OIL
V0	CNOFA	8	COCONUT FATTY ACID
V1	DCNOFA	8	DISTILLED COCONUT FATTY ACID
V2	DHCNOFA	8	DISTILLED HARDENED/H COCONUT FATTY ACID
V5	HPSA	3	H / HARDENED PALMITIC-STEARIC ACID
V6	PSA	3	PALMITIC ACID / STEARIC ACID
V7	DFPL	1	DOUBLE FRACT. PALM OLEIN
V8	RBDHPO	1	RBDH PALM OIL
V9	RBDHPL	1	RBDH PALM OLEIN
W0	RBDHPS	1	RBDH PALM STEARIN
W1	HRBDDFL	1	HRBD DOUBLE FRACT. OLEIN
W2	RBDHPMF	1	RBDHPALM MID FRACTION
W3	NBDHPO	1	NBDH PALM OIL
W5	NBDHPS	1	NBDH PALM STEARIN
W6	NBHPO	1	NBH PALM OIL
W7	NBHPL	1	NBH PALM OLEIN
W8	NBHPS	1	NBH PALM STEARIN
W9	RBDHPKO	2	RBDH PALM KERNEL OIL
X0	RBDHPKL	2	RBDH PALM KERNEL OLEIN
X1	RBDHPKS	2	RBDH PALM KERNEL STEARIN
X2	BPKO	2	B PALM KERNEL OIL
X3	BPKL	2	B PALM KERNEL OLEIN
X4	BPKS	2	B PALM KERNEL STEARIN
X5	NBHPKO	2	NBH PALM KERNEL OIL
X6	NBHPKL	2	NBH PALM KERNEL OLEIN
X7	NBHPKS	2	NBH PALM KERNEL STEARIN
X8	INTER PL	1	INTERESTERTIFIED PALM OLEIN
X9	MVO_RBDPO	1	MIXED VEG. OIL-RBD PALM OIL
Y0	MVO_RBDPL	1	MIXED VEG. OIL-RBD PALM OLEIN
Y1	MVO_RBDPKO	2	MIXED VEG. OIL-RBD PALM KERNEL OIL
Y2	MVO_RBDPKL	2	MIXED VEG. OIL-RBD PALM KERNEL OLEIN
Y3	DFRBDPKL	2	DOUBLE FRACT. RBD PALM KERNEL OLEIN
Y4	DFRBDPKS	2	DOUBLE FRACT. RBD PALM KERNEL STEARIN
Y5	PWAX	3	PALM WAX / PALM OIL WAX

Y6	NBDHPL	1	NBDH PALM OLEIN
Y7	HNPL	1	HN PALM OLEIN
Y8	NBHPL	1	NBH PALM OLEIN
Y9	HPMF	1	H PALM MID FRACTION
Z0	OPF	6	OIL PALM FIBER / PALM FIBRE
Z1	PKS	6	PALM KERNEL SHELL
Z2	IMVO	1	INTERESTERTIFIED MIXED OIL / VEG. OIL
Z3	IMPF	1	INTERESTERTIFIED MIXED PALM / P.K OIL BASED FATS
Z4	JGQ RBDPO	1	JGQ RBD PALM OIL
Z5	RED PSL	1	RED PALM SUPER OLEIN
Z6	INTER PO	1	INTERESTIFIED PALM OIL
Z7	INTER PKO	2	INTERESTIFIED PALM KERNEL OIL
Z8	PKFA	3	PALM KERNEL OIL FATTY ACID
Z9	DFRBDPL	1	DOUBLE FRACT. RBD PALM OLEIN