

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1342

DATE: AUGUST 1, 2022

PROJECT MP10324

The following classification changes will be effected by this Notice of Changes:

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Titles Changed:	C11D	SUBCLASS
	C11D	1/008, 1/04, 1/10, 1/123, 1/342, 1/345, 1/385, 1/667, 1/86, 1/883, 1/92, 1/94
	C11D	3/0031, 3/0078, 3/044, 3/048, 3/1213, 3/122, 3/1233, 3/124, 3/1253, 3/1293, 3/14, 3/2079, 3/22, 3/222, 3/3427, 3/3481, 3/349, 3/361, 3/362, 3/37, 3/3715, 3/3719, 3/3723, 3/3749, 3/3769, 3/3796, 3/386, 3/38636, 3/38654, 3/38663, 3/3905, 3/3925, 3/3927, 3/395
	C11D	7/264, 7/265, 7/266, 7/268, 7/3218, 7/3236, 7/3263, 7/3272, 7/329, 7/5095
	C11D	9/005, 9/045, 9/267, 9/44
	C11D	11/00, 11/0005, 11/0029, 11/0035, 11/0041, 11/0047, 11/0052, 11/0082, 11/0094
	C11D	13/08, 13/20, 13/26
	C11D	17/00, 17/0026, 17/003, 17/042
	C11D	19/00
Warnings Modified:	C11D	Subclass
Notes Modified:	C11D	3/2003, 3/3905
	C11D	7/00, 7/5004
DEFINITIONS:		
Definitions Deleted	C11D	3/3927
	C11D	17/0026
Definitions New:	C11D	1/123, 1/86
	C11D	3/2079, 3/22, 3/38663
Definitions Modified:	C11D	Subclass
	C11D	1/00, 1/008, 1/04, 1/10, 1/385, 1/667
	C11D	3/00, 3/0005, 3/0078, 3/34, 3/37, 3/38636, 3/3905,
	C11D	7/00, 7/5004
	C11D	9/005, 9/06, 9/267
	C11D	11/00
	C11D	13/20
	C11D	17/00
	C11D	19/00

No other subclasses/groups are impacted by this Notice of Changes.

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This Notice of Changes includes the following [Check the ones included]:

1. CLASSIFICATION SCHEME CHANGES

- A. New, Modified or Deleted Group(s)
- B. New, Modified or Deleted Warning(s)
- C. New, Modified or Deleted Note(s)
- D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

- A. New or Modified Definitions (Full definition template)
- B. Modified or Deleted Definitions (Definitions Quick Fix)

- 3. REVISION CONCORDANCE LIST (RCL)
- 4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
- 5. CHANGES TO THE CROSS-REFERENCE LIST (CRL)

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS C11D - DETERGENT COMPOSITIONS (preparations specially adapted for washing the hair A61Q 5/02, A61K 8/00; methods or apparatus for disinfection or sterilisation A61L; special washing compositions for cleaning semi-permeable membranes B01D 65/06); USE OF SINGLE SUBSTANCES AS DETERGENTS; SOAP OR SOAP-MAKING; RESIN SOAPS; RECOVERY OF GLYCEROL

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	C11D	Subclass	DETERGENT COMPOSITIONS; USE OF SINGLE SUBSTANCES AS DETERGENTS; SOAP OR SOAP-MAKING; RESIN SOAPS; RECOVERY OF GLYCEROL	
M	C11D 1/008	1	{Polymeric surface-active agents}	
M	C11D 1/04	2	Carboxylic acids or salts thereof (soap C11D 9/00)	
M	C11D 1/10	3	Amino carboxylic acids; Imino carboxylic acids; Fatty acid condensates thereof	
M	C11D 1/123	3	{derived from carboxylic acids, e.g. sulfosuccinates}	
M	C11D 1/342	3	{Phosphonates; Phosphinates or phosphonites}	
M	C11D 1/345	3	{Phosphates or phosphites}	
M	C11D 1/385	2	{Cationic compounds containing P}	
M	C11D 1/667	2	{Neutral esters, e.g. sorbitan esters}	
M	C11D 1/86	1	Mixtures of anionic, cationic, and non-ionic compounds	
M	C11D 1/883	2	{Aminimide, i.e. ammonioamidates}	
M	C11D 1/92	2	Sulfobetaines {; Sulfitobetaines}	
M	C11D 1/94	2	Mixtures with anionic, cationic or non-ionic compounds	
M	C11D 3/0031	2	{Carpet, upholstery, fur or leather cleansers}	
M	C11D 3/0078	2	{Compositions for cleaning contact lenses, spectacles or lenses}	
M	C11D 3/044	3	{Hydroxides or bases}	
M	C11D 3/048	4	{Nitrates or nitrites}	
M	C11D 3/1213	3	{Oxides or hydroxides, e.g. Al ₂ O ₃ , TiO ₂ , CaO or Ca(OH) ₂ }	
M	C11D 3/122	3	{Sulfur-containing, e.g. sulfates, sulfites or gypsum}	
M	C11D 3/1233	3	{Carbonates, e.g. calcite or dolomite}	

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title “CPC only” text should normally be enclosed in {curly brackets}**	Transferred to#
M	C11D 3/124	3	{Silicon containing, e.g. silica, silex, quartz or glass beads}	
M	C11D 3/1253	5	{Layer silicates, e.g. talcum, kaolin, clay, bentonite, smectite, montmorillonite, hectorite or attapulgite}	
M	C11D 3/1293	6	{Feldspar; Perlite; Pumice or Portland cement}	
M	C11D 3/14	3	Fillers; Abrasives {; Abrasive compositions; Suspending or absorbing agents not provided for in one single group of C11D 3/12; Specific features concerning abrasives, e.g. granulometry or mixtures (dyes, pigments C11D 3/40)}	
M	C11D 3/2079	4	{Monocarboxylic acids-salts thereof}	
M	C11D 3/22	3	Carbohydrates or derivatives thereof	
M	C11D 3/222	4	{Natural or synthetic polysaccharides, e.g. cellulose, starch, gum, alginic acid or cyclodextrin}	
M	C11D 3/3427	3	{containing thiol, mercapto or sulfide groups, e.g. thioethers or mercaptals}	
M	C11D 3/3481	3	{containing sulfur in a heterocyclic ring, e.g. sultones or sulfolanes}	
M	C11D 3/349	3	{additionally containing nitrogen atoms, e.g. nitro, nitroso, amino, imino, nitrilo, nitrile groups containing compounds or their derivatives or thio urea}	
M	C11D 3/361	3	{Phosphonates, phosphinates or phosphonites}	
M	C11D 3/362	3	{Phosphates or phosphites}	
M	C11D 3/37	2	Polymers {(polymeric surface-active agents C11D 1/008; polysaccharides C11D 3/222)}	
M	C11D 3/3715	4	{Polyesters or polycarbonates}	
M	C11D 3/3719	4	{Polyamides or polyimides}	
M	C11D 3/3723	4	{Polyamines or polyalkyleneimines}	
M	C11D 3/3749	4	{Polyolefins; Halogenated polyolefins; Natural or synthetic rubber; Polyarylolefins or halogenated polyarylolefins}	
M	C11D 3/3769	4	{(Co)polymerised monomers containing nitrogen, e.g. carbonamides, nitriles or amines}	
M	C11D 3/3796	3	{Amphoteric polymers or zwitterionic polymers}	
M	C11D 3/386	3	Preparations containing enzymes {, e.g. protease or amylase}	

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title “CPC only” text should normally be enclosed in {curly brackets}**	Transferred to#
M	C11D 3/38636	4	{containing enzymes other than protease, amylase, lipase, cellulase, oxidase or reductase}	
M	C11D 3/38654	4	{containing oxidase or reductase}	
M	C11D 3/38663	4	{Stabilised liquid enzyme compositions}	
M	C11D 3/3905	3	{Bleach activators or bleach catalysts}	
M	C11D 3/3925	6	{Nitriles; Isocyanates or quarternary ammonium nitriles}	
M	C11D 3/3927	6	{Quarternary ammonium compounds}	
M	C11D 3/395	1	Bleaching agents	
M	C11D 7/264	3	{Aldehydes; Ketones; Acetals or ketals}	
M	C11D 7/265	3	{Carboxylic acids or salts thereof}	
M	C11D 7/266	3	{Esters or carbonates}	
M	C11D 7/268	3	{Carbohydrates or derivatives thereof}	
M	C11D 7/3218	3	{Alkanolamines or alkanolimines}	
M	C11D 7/3236	3	{Aldehydes, ketones, acetals or ketals thereof}	
M	C11D 7/3263	3	{Amides or imides}	
M	C11D 7/3272	3	{Urea, guanidine or derivatives thereof}	
M	C11D 7/329	3	{Carbohydrate or derivatives thereof}	
M	C11D 7/5095	4	{Mixtures including solvents containing other heteroatoms than oxygen, e.g. nitriles, amides, nitroalkanes, siloxanes or thioethers}	
M	C11D 9/005	1	{Synthetic soaps}	
M	C11D 9/045	2	{containing substances which prevent the deterioration of soaps, e.g. light or heat stabilisers or antioxidants}	
M	C11D 9/267	4	{containing free fatty acids}	
M	C11D 9/44	2	Perfumes; Colouring materials; Brightening agents {; Bleaching agents}	
M	C11D 11/00	0	Special methods for preparing compositions containing mixtures of detergents {; Methods for using cleaning compositions}	
M	C11D 11/0005	1	{Special cleaning or washing methods}	
M	C11D 11/0029	4	{Metals}	
M	C11D 11/0035	4	{Glasses or plastics}	
M	C11D 11/0041	4	{Industrial or commercial equipment, e.g. reactors, tubes or engines (C11D 11/0047 takes precedence)}	
M	C11D 11/0047	4	{Electronic devices, e.g. PCBs or semiconductors}	
M	C11D 11/0052	4	{Mineral surfaces, e.g. stones, frescoes, plaster, walls or concrete}	

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title “CPC only” text should normally be enclosed in {curly brackets}**	Transferred to[#]
M	C11D 11/0082	1	{one or more of the detergent ingredients being in a liquefied state, e.g. slurry, paste or melt, and the process resulting in solid detergent particles such as granules, powders or beads}	
M	C11D 11/0094	1	{Process for making liquid detergent compositions, e.g. slurries, pastes or gels}	
M	C11D 13/08	1	Colouring {, e.g. striated bars or striped bars,} or perfuming	
M	C11D 13/20	2	in the form of small particles, e.g. powder or flakes	
M	C11D 13/26	1	Drying	
M	C11D 17/00	0	Detergent materials or soaps characterised by their shape or physical properties (shaping soap C11D 13/14)	
M	C11D 17/0026	2	{Structured liquid compositions, e.g. liquid crystalline phases or network containing non-Newtonian phase}	
M	C11D 17/003	2	{Colloidal solutions, e.g. gels; Thixotropic solutions or pastes}	
M	C11D 17/042	3	{Water soluble or water disintegrable containers or substrates containing cleaning compositions or additives for cleaning compositions}	
M	C11D 19/00	0	Recovery of glycerol from a saponification liquor	

*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; T= existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

NOTES:

- **No {curly brackets} are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- U groups: it is obligatory to display the required “anchor” symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups). Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types .
- “Transferred to” column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the “Transferred to” column, avoid using ranges of symbols in order to be as precise as possible.

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- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY, ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD> , <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“Transferred to”) symbol, however it is required to specify “<no transfer>” in the “Transferred to” column for such cases.
- For finalisation projects, the deleted “F” symbols should have <no transfer> in the “Transferred to” column.
- For more details about the types of scheme change, see CPC Guide.

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B. New, Modified or Deleted Warning(s)

SUBCLASS C11D - DETERGENT COMPOSITIONS (preparations specially adapted for washing the hair A61Q 5/02, A61K 8/00; methods or apparatus for disinfection or sterilisation A61L; special washing compositions for cleaning semi-permeable membranes B01D 65/06); USE OF SINGLE SUBSTANCES AS DETERGENTS; SOAP OR SOAP-MAKING; RESIN SOAPS; RECOVERY OF GLYCEROL

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
M	C11D	<p>1. The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:</p> <p>C11D 1/68 covered by C11D 3/2003 C11D 1/70 covered by C11D 3/2003 C11D 3/44 covered by C11D 3/43 C11D 3/46 covered by C11D 3/2079, C11D 9/48 C11D 3/60 covered by C11D 3/00 C11D 7/18 covered by C11D 3/39 C11D 7/38 covered by C11D 3/39 C11D 7/42 covered by C11D 3/386 C11D 7/52 covered by C11D 7/50 C11D 7/54 covered by C11D 3/395 C11D 7/56 covered by C11D 3/395 C11D 7/60 covered by C11D 7/00 C11D 9/50 covered by C11D 3/48 C11D 9/60 covered by C11D 9/00 C11D 10/02 covered by C11D 3/00 C11D 10/06 covered by C11D 9/00</p> <p>2. In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.</p>	<p>Warning 2. In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.</p>

*N = new warning, M = modified warning, D = deleted warning

NOTE: The "Location" column only requires the symbol PRIOR to the location of the warning. No further directions such as "before" or "after" are required.

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C. New, Modified or Deleted Note(s)

SUBCLASS C11D - DETERGENT COMPOSITIONS (preparations specially adapted for washing the hair A61Q 5/02, A61K 8/00; methods or apparatus for disinfection or sterilisation A61L; special washing compositions for cleaning semi-permeable membranes B01D 65/06); USE OF SINGLE SUBSTANCES AS DETERGENTS; SOAP OR SOAP-MAKING; RESIN SOAPS; RECOVERY OF GLYCEROL

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
M	C11D3/2003	<ol style="list-style-type: none"> In this group glycerol is not taken into account for applying the last place rule, when present in a mixture of alcohols or as an alternative from a series of alcohols In case of mixtures of alcohols or of a list of alternatives, documents are classified in C11D 3/2003, C11D 3/2006 or C11D 3/2041 and indexed for the individual alternatives using codes chosen from C11D 3/2006 - C11D 3/2065 	<p><u>Replace</u> NOTE 1 and 2 with the following text:</p> <ol style="list-style-type: none"> {In this group glycerol is not taken into account for applying the last place rule, when present in a mixture of alcohols or as an alternative from a series of alcohols.} {In case of mixtures of alcohols or of a list of alternatives, documents are classified in C11D 3/2003, C11D 3/2006 or C11D 3/2041 and the individual alternatives are classified with additional symbols from C11D 3/2006 - C11D 3/2065.}
M	C11D3/3905	<ol style="list-style-type: none"> In the absence of an indication to the contrary activators or catalysts are classified in the last appropriate place. In case of mixtures or a list of alternatives documents are classified in C11D 3/3905 or C11D 3/3907 only and indexed for the individual alternatives using codes chosen from C11D 3/3907 - C11D 3/3932 	<p><u>Replace</u> NOTE 1 and 2 with the following text:</p> <ol style="list-style-type: none"> {In the absence of an indication to the contrary activators or catalysts are classified in the last appropriate place.} {In case of mixtures or a list of alternatives documents are classified in C11D 3/3905 or C11D 3/3907 only and the individual alternatives are classified with additional symbols from C11D 3/3907 - C11D 3/3932.}
M	C11D7/00	In the absence of an indication to the contrary, in groups C11D 7/02 - C11D 7/46 a compound is classified in the last appropriate place.	<p><u>Replace</u> with the following text:</p> <p>In groups C11D 7/02-C11D 7/46, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, a compound is classified in the last appropriate place.</p>
M	C11D7/5004	In this group, classification is made in the first appropriate place	<u>Replace</u> with the following text:

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<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
			{In this group, the first place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the first appropriate place.}

*N = new note, M = modified note, D = deleted note

NOTE: The "Location" column only requires the symbol PRIOR to the location of the note. No further directions such as "before" or "after" are required.

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2. A. DEFINITIONS (new)

Insert the following new definitions.

C11D 1/123

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Sulfonation products derived from fatty acids or their derivatives, e.g. esters, amides	C11D 1/28
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C11D 1/86

Definition statement

This place covers:

A mixture with three or more compounds being anionic, cationic and non-ionic.

C11D 3/2079

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Compositions of detergents, not provided for by one single preceding group	C11D 10/00
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C11D 3/22

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Graft polymers	C11D 3/3788
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C11D 3/38663

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Micro-organisms or enzymes	C12N
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2. A. DEFINITIONS (modified)

Insert the following new modifications.

C11D

Definition statement

Replace: In the first bullet the term “compositionsused” with the following:

“compositions used”

Replace: The third bullet with the following new text.

- Compounding ingredients for such compositions, e.g. compounds such as carbonate, animal products or polymer;

Relationships with other classification places

Replace: The existing text with the following new text.

Cosmetic preparations comprising surfactants are classified in [A61K 8/00](#), [A61Q 5/00](#) and [A61Q 19/00](#); they include washing the hair, cleaning the teeth or mouth, cleansing the body (e.g. shower preparation).

General cleansing compositions which are usually liquid are classified in [A61K 8/00](#), [A61Q 5/00](#) and [A61Q 19/00](#).

Liquid soaps, soap bars (solid cleansing compositions) and syndet bars are only classified in [C11D](#).

References

Limiting references

Delete: The entire Limiting reference section and table.

Application-oriented references

Delete: The following reference from the Application-oriented references table.

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Preparations specially adapted for washing the hair, cleaning the teeth or mouth, cleansing the body (e.g. shower preparation)	A61K 8/00, A61Q 5/00, A61Q 19/00
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Insert: The following new references into the *Application-oriented references* table.

Cosmetic or similar toilet preparations	A61K 8/00
Preparations for care of the hair, preparations for care of the skin	A61Q 5/00 , A61Q 19/00

Informative references

Insert: The following new references into the *Informative references* table.

Chemical paint or ink removers	C09D 9/00
Cleaning or degreasing metallic material by chemical methods other than electrolysis in the industry	C23G
Bleaching or washing of fibres, raw textiles (in the textile industry); dry cleaning of fibres, fabrics	D06L
Treating fibres or fabrics with chemicals	D06M

Special rules of classification

Replace: The existing text with the following new text.

Each relevant compound/composition is classified according to the rules in the most appropriate place.

When classifying in the mixture groups of this subclass, any individual ingredient of a composition which is not identified by such classification, and which itself is determined to be novel and non-obvious, must also be classified in groups [C11D 1/00 - C11D 9/00](#). The individual ingredient can be either a single substance or a composition in itself.

Any ingredient of a composition which is not identified by the above classification, and which is considered to represent information of interest for search, may also be classified in groups [C11D 1/00 - C11D 9/00](#).

In groups [C11D 1/02 - C11D 1/94](#), [C11D 3/02 - C11D 3/39](#), [C11D 7/02 - C11D 7/46](#) and [C11D 9/06 - C11D 9/42](#), in the absence of an indication to the contrary, classification is made in the last appropriate place.

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To decide whether a composition/compound is classified in [C11D 3/00](#) or in [C11D 7/00](#) the whole document is taken into account to find out if surfactants are present or not.

Documents classified in the mixture groups [C11D 1/37](#), [C11D 1/645 - C11D 1/655](#), [C11D 1/825 - C11D 1/86](#), [C11D 1/94 - C11D 1/945](#), [C11D 10/04 - C11D 10/047](#) are also classified with additional symbols from [C11D 1/00 - C11D 1/92](#) to provide information on the individual surfactant.

Compositions comprising solvent mixtures or a list of alternatives are classified in [C11D 3/43](#) or [C11D 7/50](#) and the single components are classified with additional symbols from [C11D 3/00](#) or [C11D 7/00](#).

In case of mixture or a list of alternatives in the groups [C11D 3/2003](#), [C11D 3/2006](#), [C11D 3/2041](#), [C11D 3/34](#), [C11D 3/3905](#) and [C11D 3/3907](#), individual compounds are classified with additional symbols of [C11D 3/2003](#), [C11D 3/34](#) and [C11D 3/3905](#).

Polymers are only classified in the group [C11D 3/37](#) in rare cases; dependent claims, examples and description should be taken into account and then the specific polymers should be classified.

For example, in claim 1 a polymer is claimed, in the description and dependent claims polyacrylate and carboxymethylcellulose are disclosed, the polymer is therefore classified in [C11D 3/3757](#) and [C11D 3/225](#).

The same is applied to per compounds and bleaching compounds in [C11D 3/39](#) and [C11D 3/395](#).

Carboxylic acid mixtures or alternatives are classified in [C11D 3/2075](#); if specific acids are claimed they can be classified in the specific groups.

Block copolymers such as EOPO are classified in [C11D 1/008](#) when they are used as surfactants; if they are not used as a surfactant, they are classified in [C11D 3/3707](#).

In [C11D 3/0005](#) the compounds / compositions are characterised by their effect or properties. Documents classified therein are also classified in other groups of [C11D](#) according to the chemical nature of the compounds.

In compositions comprising an unspecified surfactant and carbonates, only the carbonates are classified in [C11D 3/10](#).

In compositions comprising ethoxylated alcohol surfactant and carbonates, both the specific surfactant and the carbonates are classified in [C11D 1/72](#) and [C11D 3/10](#).

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Polymers, enzymes, per compounds, bleaching agents, dyes, brightening agent and disinfecting, antibacterial, microbicidal agents in compositions without surfactants are classified in [C11D 3/00](#).

Glossary of terms

Replace: The description part of the terms indicated in the table below with the new description associated with each term (Detergents, Non-ionic surfactant, Soaps, and Surface-active compounds/agents (surfactants)). Note: Some of the changes are minor edits.

Detergents	Detergents are basically any cleaning materials. Such materials may or may not contain surfactants. The term "synthetic detergent" is also used as a synonym for "surfactant" (excluding soaps, which are not considered synthetic), which is a compound, or a mixture of compounds, whose molecules have two distinct regions – one that is hydrophilic and has an affinity for water, and another that is hydrophobic, with little (if any) affinity for water. These compounds can aid in the solubilisation of hydrophobic compounds in water. See examples below of particular types of surfactant (detergent).
Non-ionic surfactant	Non-ionic surfactants are synthetic surface active agents which are such that the molecules do not ionise in aqueous solution. Examples are ethoxylated fatty alcohols and amine oxides.
Soaps	Soaps have the same properties as those mentioned above for surfactants, but in general soaps are not considered as synthetic detergents. Soap is a particular type of surfactant derived from oils and fats, and is created through the saponification process whereby the ester linkage in a vegetable oil or fat is hydrolytically cleaved using an alkali or (NaOH or KOH) or ammonia or amine yielding glycerol and crude soap. Soaps usually consist of the alkaline salts of fatty acids such as palmitic, stearic or oleic acids. Soft soaps contain the potassium salts, whereas the sodium salts are hard soaps. Soaps are examples of anionic surfactants.
Surface-active compounds/agents (surfactants)	Substances which have the effect of reducing the surface tension of a solvent, an example being a detergent/surfactant or soap dissolved in water. These substances, also known as wetting agents, contain a combination of polar (hydrophilic) and non-polar (hydrophobic) parts which serve to bind oil and water together. They locate at the phase boundary between the water phase and the organic phase, or if there is no room there, they will congregate together and form micelles. Both synthetic detergents and soaps are surfactants.

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C11D 1/00

Insert: The following new *Special rules of classification* section and text.

Special rules of classification

In groups [C11D 1/02 - C11D 1/94](#), in groups [C11D 3/02 - C11D 3/39](#), in groups [C11D 7/02 - C11D 7/46](#) and in groups [C11D 9/06 - C11D 9/42](#), in the absence of an indication to the contrary, classification is made in the last appropriate place.

C11D 1/008**References****Limiting References**

Delete: The entire Limiting reference section and table.

Insert: The following new Informative reference section and table.

Informative references

Attention is drawn to the following places, which may be of interest for search:

Cationic compounds being N-containing polycondensation products	C11D 1/48
Non-ionic compounds being carbohydrates or derivatives	C11D 1/662
Non-ionic compounds being synthetic resins containing no nitrogen	C11D 1/76

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C11D 1/04**References*****Limiting References***Delete: The following reference from the *Limiting reference* table.

Synthetic soaps	C11D 9/005
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Insert: The following new reference into the *Limiting reference* table.

Soap	C11D 9/00
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C11D 1/10**References*****Limiting References***Delete: The entire Limiting reference section and table.Insert: The following new Informative reference section and table.***Informative references***

Attention is drawn to the following places, which may be of interest for search:

Sulfonation products derives from fatty acids or their derivatives, e.g. esters, amides	C11D 1/28
Betaines	C11D 1/90

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C11D 1/385**References*****Limiting References***

Delete: The entire Limiting reference section and table.

Insert: The following new Informative reference section and table.

Informative references

Attention is drawn to the following places, which may be of interest for search:

Sulfonium or phosphonium compounds	C11D 1/60
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C11D 1/667**References*****Limiting References***

Delete: The entire Limiting reference section and table.

Insert: The following new Informative reference section and table.

Informative references

Attention is drawn to the following places, which may be of interest for search:

Carboxylates or sulfonates esters of polyoxyalklene glycols	C11D 1/74
Neutral esters of acids of phosphorous	C11D 1/78

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C11D 3/00

Definition statement

Replace: The entire paragraph with the following:

Components of detergent compositions that are not classified in C11D 1/00, i.e. not surface-active components comprised in a mixture of surfactant and non-surfactant compounds, e.g. mixture of zeolites and surfactants.

Special rules of classification

Replace: The first statement with the following new statement:

In groups C11D 3/02 - C11D 3/39, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, a compound is classified in the last appropriate place.

C11D 3/0005

Special rules of classification

Replace: The entire text with the following:

Documents classified in the subgroups C11D 3/0005 - C11D 3/0094 are also classified in other groups of the C11D subclass according to the chemical nature of the compounds as such.

C11D 3/0078

References

Limiting References

Delete: The entire *Limiting reference* section and table.

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Insert: The following new Informative reference section and table.

Informative references

Attention is drawn to the following places, which may be of interest for search:

Disinfecting contact lenses	A61L 12/00
Mechanical cleaning	G02C 13/00

C11D 3/34

Insert: The following new Limiting reference section and table.

References

Limiting References

This place does not cover:

Organic compound of detergent composition containing Si	C11D 3/162
Organic compound of detergent composition containing a carbon-carbon triple bond	C11D 3/164
Organic compound of detergent composition containing borium	C11D 3/166
Organometallic compound or organometallic complexes of detergent composition	C11D 3/168

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C11D 3/37**References*****Limiting References***

Delete: The following reference from the *Limiting reference* table.

Carbohydrates	C11D 3/22
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Insert: The following new reference into the *Limiting reference* table.

Polysaccharides	C11D 3/222
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C11D 3/38636**References*****Limiting References***

Delete: The entire *Limiting reference* section and table.

Informative references

Insert: The following new reference into the Informative reference table.

Preparations containing chemically modified or immobilised enzymes	C11D 3/386
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C11D 3/3905**Special rules of classification**

Replace: The entire text with the following:

Bleach activators or bleach catalysts are classified according to the last place rule priority.

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In case of mixtures or a list of alternatives, it is classified in [C11D 3/3905](#) or [C11D 3/3907](#) and the individual alternatives are classified with additional symbols from [C11D 3/3907](#) - [C11D 3/3932](#).

C11D 7/00

Special rules of classification

Replace: The entire text with the following:

In the absence of an indication to the contrary, in groups [C11D 7/02](#) - [C11D 7/46](#) a compound is classified in the last appropriate place.

C11D 7/5004

Special rules of classification

Replace: The entire text with the following:

In the subgroups [C11D 7/5004](#) - [C11D 7/5095](#), classification is made in the first appropriate place.

C11D 9/005

References

Limiting References

Delete: The entire *Limiting reference* section and table.

Insert: The following new Informative reference section and table.

Informative references

Attention is drawn to the following places, which may be of interest for search:

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Detergents compositions based on carboxylic acids or salts	C11D 1/04
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C11D 9/06

Special rules of classification

Replace: The entire text with the following:

In groups C11D 9/06 - C11D 9/42, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, a compound is classified in the last appropriate place.

C11D 9/267

References

Limiting References

Delete: The entire *Limiting reference* section and table.

Insert: The following new Informative reference section and table.

Informative references

Attention is drawn to the following places, which may be of interest for search:

Superfating agents	C11D 9/48
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C11D 11/00

Definition statement

Replace: The entire paragraph with the following:

Any specific features related to processes for preparing compositions containing mixtures of detergents or related to cleaning and washing methods, e.g. 3 steps in a process, cleaning a mirror.

References

Limiting References

Delete: The entire *Limiting reference* section and table.

Insert: The following new Informative reference section and table.

Informative references

Attention is drawn to the following places, which may be of interest for search:

Special methods for preparing compositions containing mixture of detergents in the form of blocks, bars, tablets	C11D 17/0047
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C11D 13/20

References

Limiting References

Delete: The entire *Limiting reference* section and table.

Insert: The following new Informative reference section and table.

Informative references

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Attention is drawn to the following places, which may be of interest for search:

Slicing soap on the cooling drum	C11D 13/24
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C11D 17/00

References

Limiting References

Delete: The following reference from the *Limiting reference* table.

Soaps	C11D 9/00
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Replace: The symbol C11D13/00 in the following reference

Shaping soap	C11D 13/00
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with the new reference symbol [C11D 13/14](#).

Insert: The following new Informative reference section and table.

Informative references

Attention is drawn to the following places, which may be of interest for search:

Soaps	C11D 9/00
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C11D 19/00

References

Limiting References

Delete: The entire *Limiting reference* section and table.

Insert: The following new Informative reference section and table.

Informative references

Attention is drawn to the following places, which may be of interest for search:

Refining of glycerol	C07C 31/22
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2. B. DEFINITIONS QUICK FIX

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
C11D 3/3927	Limiting Ref	C11D 3/3925	<u>Delete</u> the entire existing Definition
C11D 17/0026	Limiting Ref	C11D 17/003	<u>Delete</u> the entire existing Definition

Notes:

Use this Definitions Quick Fix (DQF) table to:

- Delete an entire definition
- Delete an entire section
- Change a reference symbol
- Delete a reference symbol
- Delete text in a References section
- Correct one error in spelling, article use, or verb tense

Otherwise, use the standard template.

Reminder: Never delete F symbol definitions.