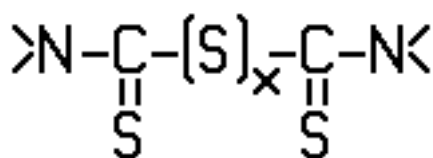


Symbol	Typ	Titel
C	Sektion	SECTION C — CHEMISTRY; METALLURGY
C08	Klasse	ORGANIC MACROMOLECULAR COMPOUNDS; THEIR PREPARATION OR CHEMICAL WORKING-UP; COMPOSITIONS BASED THEREON (manufacture or treatment of artificial threads, fibres, bristles or ribbons D01)
C08K	Unterklasse	USE OF INORGANIC OR NON-MACROMOLECULAR ORGANIC SUBSTANCES AS COMPOUNDING INGREDIENTS (pesticides, herbicides A01N; pharmaceuticals, cosmetics A61K; explosives C06B; paints, inks, varnishes, dyes, polishes, adhesives C09; lubricants C10M; detergents C11D; artificial filaments or fibres D01F; textile treating compositions D06) [2]
C08K 3/00	Hauptgruppe	Use of inorganic ingredients [2]
C08K 3/02	1-Punkt Untergruppe	. Elements [2]
C08K 3/04	2-Punkt Untergruppe	. . Carbon [2]
C08K 3/06	2-Punkt Untergruppe	. . Sulfur [2]
C08K 3/08	2-Punkt Untergruppe	. . Metals [2]
C08K 3/10	1-Punkt Untergruppe	. Metal compounds [2]
C08K 3/12	2-Punkt Untergruppe	. . Hydrides [2]
C08K 3/14	2-Punkt Untergruppe	. . Carbides [2]
C08K 3/16	1-Punkt Untergruppe	. Halogen-containing compounds [2]
C08K 3/18	1-Punkt Untergruppe	. Oxygen-containing compounds, e.g. metal carbonyls [2]
C08K 3/20	2-Punkt Untergruppe	. . Oxides; Hydroxides [2]
C08K 3/22	3-Punkt Untergruppe	. . . of metals [2]
C08K 3/24	2-Punkt Untergruppe	. . Acids; Salts thereof [2]
C08K 3/26	3-Punkt Untergruppe	. . . Carbonates; Bicarbonates [2]
C08K 3/28	1-Punkt Untergruppe	. Nitrogen-containing compounds [2]
C08K 3/30	1-Punkt Untergruppe	. Sulfur-, selenium-, or tellurium-containing compounds [2]
C08K 3/32	1-Punkt Untergruppe	. Phosphorus-containing compounds [2]
C08K 3/34	1-Punkt Untergruppe	. Silicon-containing compounds [2]
C08K 3/36	2-Punkt Untergruppe	. . Silica [2]
C08K 3/38	1-Punkt Untergruppe	. Boron-containing compounds [2]
C08K 3/40	1-Punkt Untergruppe	. Glass [2]
C08K 5/00	Hauptgruppe	Use of organic ingredients [2]
C08K 5/01	1-Punkt Untergruppe	. Hydrocarbons [2]
C08K 5/02	1-Punkt Untergruppe	. Halogenated hydrocarbons [2]
C08K 5/03	2-Punkt Untergruppe	. . aromatic [2]
C08K 5/04	1-Punkt Untergruppe	. Oxygen-containing compounds [2]

Symbol	Typ	Titel
C08K 5/05	2-Punkt Untergruppe	. . Alcohols; Metal alcoholates [2]
C08K 5/053	3-Punkt Untergruppe	. . . Polyhydroxylic alcohols [6]
C08K 5/057	3-Punkt Untergruppe	. . . Metal alcoholates [6]
C08K 5/06	2-Punkt Untergruppe	. . Ethers; Acetals; Ketals; Ortho-esters [2]
C08K 5/07	2-Punkt Untergruppe	. . Aldehydes; Ketones [2]
C08K 5/08	3-Punkt Untergruppe	. . . Quinones [2]
C08K 5/09	2-Punkt Untergruppe	. . Carboxylic acids; Metal salts thereof; Anhydrides thereof [2]
C08K 5/092	3-Punkt Untergruppe	. . . Polycarboxylic acids [6]
C08K 5/095	3-Punkt Untergruppe	. . . Carboxylic acids containing halogens [6]
C08K 5/098	3-Punkt Untergruppe	. . . Metal salts of carboxylic acids [6]
C08K 5/10	2-Punkt Untergruppe	. . Esters; Ether-esters [2]
C08K 5/101	3-Punkt Untergruppe	. . . of monocarboxylic acids [6]
C08K 5/103	4-Punkt Untergruppe	 with polyalcohols [6]
C08K 5/105	4-Punkt Untergruppe	 with phenols [6]
C08K 5/107	5-Punkt Untergruppe	 with polyphenols [6]
C08K 5/109	3-Punkt Untergruppe	. . . of carbonic acid [6]
C08K 5/11	3-Punkt Untergruppe	. . . of acyclic polycarboxylic acids [2]
C08K 5/12	3-Punkt Untergruppe	. . . of cyclic polycarboxylic acids [2]
C08K 5/13	2-Punkt Untergruppe	. . Phenols; Phenolates [2]
C08K 5/132	3-Punkt Untergruppe	. . . Phenols containing keto groups [6]
C08K 5/134	3-Punkt Untergruppe	. . . Phenols containing ester groups [6]
C08K 5/136	3-Punkt Untergruppe	. . . Phenols containing halogens [6]
C08K 5/138	3-Punkt Untergruppe	. . . Phenolates [6]
C08K 5/14	2-Punkt Untergruppe	. . Peroxides [2]
C08K 5/15	2-Punkt Untergruppe	. . Heterocyclic compounds having oxygen in the ring [2]
C08K 5/151	3-Punkt Untergruppe	. . . having one oxygen atom in the ring [7]
C08K 5/1515	4-Punkt Untergruppe	 Three-membered rings [7]
C08K 5/1525	4-Punkt Untergruppe	 Four-membered rings [7]
C08K 5/1535	4-Punkt Untergruppe	 Five-membered rings [7]
C08K 5/1539	5-Punkt Untergruppe	 Cyclic anhydrides [7]
C08K 5/1545	4-Punkt Untergruppe	 Six-membered rings [7]
C08K 5/156	3-Punkt Untergruppe	. . . having two oxygen atoms in the ring [7]

Symbol	Typ	Titel
C08K 5/1565	4-Punkt Untergruppe	 Five-membered rings [7]
C08K 5/1575	4-Punkt Untergruppe	 Six-membered rings [7]
C08K 5/159	3-Punkt Untergruppe	. . . having more than two oxygen atoms in the ring [7]
C08K 5/16	1-Punkt Untergruppe	. Nitrogen-containing compounds [2]
C08K 5/17	2-Punkt Untergruppe	. . Amines; Quaternary ammonium compounds [2]
C08K 5/18	3-Punkt Untergruppe	. . . with aromatically bound amino groups [2]
C08K 5/19	3-Punkt Untergruppe	. . . Quaternary ammonium compounds [2]
C08K 5/20	2-Punkt Untergruppe	. . Carboxylic acid amides [2]
C08K 5/205	2-Punkt Untergruppe	. . Compounds containing groups, e.g. carbamates [6]
C08K 5/21	2-Punkt Untergruppe	. . Urea; Derivatives thereof, e.g. biuret [2]
C08K 5/22	2-Punkt Untergruppe	. . Compounds containing nitrogen bound to another nitrogen atom [2]
C08K 5/23	3-Punkt Untergruppe	. . . Azo-compounds [2]
C08K 5/24	3-Punkt Untergruppe	. . . Derivatives of hydrazine [2]
C08K 5/25	4-Punkt Untergruppe	 Carboxylic acid hydrazides [2]
C08K 5/26	4-Punkt Untergruppe	 Semicarbazides [2]
C08K 5/27	3-Punkt Untergruppe	. . . Compounds containing a nitrogen atom bound to two other nitrogen atoms, e.g. diazoamino-compounds [2]
C08K 5/28	4-Punkt Untergruppe	 Azides [2]
C08K 5/29	2-Punkt Untergruppe	. . Compounds containing carbon-to-nitrogen double bonds [2]
C08K 5/30	3-Punkt Untergruppe	. . . Hydrazones; Semicarbazones [2]
C08K 5/31	3-Punkt Untergruppe	. . . Guanidine; Derivatives thereof [2]
C08K 5/315	2-Punkt Untergruppe	. . Compounds containing carbon-to-nitrogen triple bonds [6]
C08K 5/32	2-Punkt Untergruppe	. . Compounds containing nitrogen bound to oxygen [2]
C08K 5/33	3-Punkt Untergruppe	. . . Oximes [2]
C08K 5/34	2-Punkt Untergruppe	. . Heterocyclic compounds having nitrogen in the ring [2]
C08K 5/3412	3-Punkt Untergruppe	. . . having one nitrogen atom in the ring [5]
C08K 5/3415	4-Punkt Untergruppe	 Five-membered rings [5]
C08K 5/3417	5-Punkt Untergruppe	 condensed with carbocyclic rings [5]
C08K 5/3432	4-Punkt Untergruppe	 Six-membered rings [5]
C08K 5/3435	5-Punkt Untergruppe	 Piperidines [5]

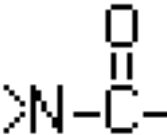
Symbol	Typ	Titel
C08K 5/3437	5-Punkt Untergruppe	 condensed with carbocyclic rings [5]
C08K 5/3442	3-Punkt Untergruppe	. . . having two nitrogen atoms in the ring [5]
C08K 5/3445	4-Punkt Untergruppe	 Five-membered rings [5]
C08K 5/3447	5-Punkt Untergruppe	 condensed with carbocyclic rings [5]
C08K 5/3462	4-Punkt Untergruppe	 Six-membered rings [5]
C08K 5/3465	5-Punkt Untergruppe	 condensed with carbocyclic rings [5]
C08K 5/3467	3-Punkt Untergruppe	. . . having more than two nitrogen atoms in the ring [5]
C08K 5/3472	4-Punkt Untergruppe	 Five-membered rings [5]
C08K 5/3475	5-Punkt Untergruppe	 condensed with carbocyclic rings [5]
C08K 5/3477	4-Punkt Untergruppe	 Six-membered rings [5]
C08K 5/3492	5-Punkt Untergruppe	 Triazines [5]
C08K 5/3495	5-Punkt Untergruppe	 condensed with carbocyclic rings [5]
C08K 5/35	3-Punkt Untergruppe	. . . having also oxygen in the ring [2]
C08K 5/353	4-Punkt Untergruppe	 Five-membered rings [5]
C08K 5/357	4-Punkt Untergruppe	 Six-membered rings [5]
C08K 5/36	1-Punkt Untergruppe	. Sulfur-, selenium-, or tellurium-containing compounds [2]
C08K 5/37	2-Punkt Untergruppe	. . Thiols [2, 7]
C08K 5/372	2-Punkt Untergruppe	. . Sulfides [6, 7]
C08K 5/375	3-Punkt Untergruppe	. . . containing six-membered aromatic rings [6, 7]
C08K 5/378	3-Punkt Untergruppe	. . . containing heterocyclic rings [6, 7]
C08K 5/38	2-Punkt Untergruppe	. . Thiocarbonic acids; Derivatives thereof, e.g. xanthates [2]
C08K 5/39	2-Punkt Untergruppe	. . Thiocarbamic acids; Derivatives thereof, e.g. dithiocarbamates [2]
C08K 5/40	3-Punkt Untergruppe	. . . Thiuramsulfides; Thiurampolysulfides, e.g. compounds containing



groups [2]

C08K 5/405	2-Punkt Untergruppe	. . Thioureas; Derivatives thereof [6]
C08K 5/41	2-Punkt Untergruppe	. . Compounds containing sulfur bound to oxygen [2]
C08K 5/42	3-Punkt Untergruppe	. . . Sulfonic acids; Derivatives thereof [2]
C08K 5/43	2-Punkt Untergruppe	. . Compounds containing sulfur bound to nitrogen [2]
C08K 5/435	3-Punkt Untergruppe	. . . Sulfonamides [6]

Symbol	Typ	Titel
C08K 5/44	3-Punkt Untergruppe	. . . Sulfenamides [2]
C08K 5/45	2-Punkt Untergruppe	. . Heterocyclic compounds having sulfur in the ring [2]
C08K 5/46	3-Punkt Untergruppe	. . . with oxygen or nitrogen in the ring [2]
C08K 5/47	4-Punkt Untergruppe	 Thiazoles [2]
C08K 5/48	2-Punkt Untergruppe	. . Selenium- or tellurium-containing compounds [2]
C08K 5/49	1-Punkt Untergruppe	. Phosphorus-containing compounds [2]
C08K 5/50	2-Punkt Untergruppe	. . Phosphorus bound to carbon only [2, 5]
C08K 5/51	2-Punkt Untergruppe	. . Phosphorus bound to oxygen [2]
C08K 5/52	3-Punkt Untergruppe	. . . bound to oxygen only [2]
C08K 5/521	4-Punkt Untergruppe	 Esters of phosphoric acids, e.g. of H_3PO_4 [5]
C08K 5/523	5-Punkt Untergruppe	 with hydroxyaryl compounds [5]
C08K 5/524	4-Punkt Untergruppe	 Esters of phosphorous acids, e.g. of H_3PO_3 [5]
C08K 5/526	5-Punkt Untergruppe	 with hydroxyaryl compounds [5]
C08K 5/527	4-Punkt Untergruppe	 Cyclic esters [5]
C08K 5/529	4-Punkt Untergruppe	 Esters containing heterocyclic rings not representing cyclic esters of phosphoric or phosphorous acids [5]
C08K 5/53	3-Punkt Untergruppe	. . . bound to oxygen and to carbon only [2, 5]
C08K 5/5313	4-Punkt Untergruppe	 Phosphinic compounds, e.g. $R_2=P(:O)OR'$ [5]
C08K 5/5317	4-Punkt Untergruppe	 Phosphonic compounds, e.g. $R-P(:O)(OR')_2$ [5]
C08K 5/5333	5-Punkt Untergruppe	 Esters of phosphonic acids [5]
C08K 5/5337	6-Punkt Untergruppe	 containing also halogens [5]
C08K 5/5353	6-Punkt Untergruppe	 containing also nitrogen [5]
C08K 5/5357	6-Punkt Untergruppe	 cyclic [5]
C08K 5/5373	6-Punkt Untergruppe	 containing heterocyclic rings not representing cyclic esters of phosphonic acids [5]
C08K 5/5377	4-Punkt Untergruppe	 Phosphinous compounds, e.g. $R_2=P-OR'$ [5]
C08K 5/5393	4-Punkt Untergruppe	 Phosphonous compounds, e.g. $R-P(OR')_2$ [5]
C08K 5/5397	4-Punkt Untergruppe	 Phosphine oxides [5]
C08K 5/5398	2-Punkt Untergruppe	. . Phosphorus bound to sulfur [5]
C08K 5/5399	2-Punkt Untergruppe	. . Phosphorus bound to nitrogen [5]
C08K 5/54	1-Punkt Untergruppe	. Silicon-containing compounds [2]
C08K 5/541	2-Punkt Untergruppe	. . containing oxygen [7]
C08K 5/5415	3-Punkt Untergruppe	. . . containing at least one Si—O bond [7]
C08K 5/5419	4-Punkt Untergruppe	 containing at least one Si—C bond [7]

Symbol	Typ	Titel
C08K 5/5425	3-Punkt Untergruppe	. . . containing at least one C=C bond [7]
C08K 5/5435	3-Punkt Untergruppe	. . . containing oxygen in a ring [7]
C08K 5/544	2-Punkt Untergruppe	. . containing nitrogen [7]
C08K 5/5445	3-Punkt Untergruppe	. . . containing at least one Si—N bond [7]
C08K 5/5455	3-Punkt Untergruppe	. . . containing at least one  group [7]
C08K 5/5465	3-Punkt Untergruppe	. . . containing at least one C=N bond [7]
C08K 5/5475	3-Punkt Untergruppe	. . . containing at least one C≡N bond [7]
C08K 5/548	2-Punkt Untergruppe	. . containing sulfur [7]
C08K 5/549	2-Punkt Untergruppe	. . containing silicon in a ring [7]
C08K 5/55	1-Punkt Untergruppe	. Boron-containing compounds [2]
C08K 5/56	1-Punkt Untergruppe	. Organo-metallic compounds, i.e. organic compounds containing a metal-to-carbon bond [2]
C08K 5/57	2-Punkt Untergruppe	. . Organo-tin compounds [2]
C08K 5/58	3-Punkt Untergruppe	. . . containing sulfur [2]
C08K 5/59	1-Punkt Untergruppe	. Arsenic- or antimony-containing compounds [2]
C08K 7/00	Hauptgruppe	Use of ingredients characterised by shape [2]
C08K 7/02	1-Punkt Untergruppe	. Fibres or whiskers [2]
C08K 7/04	2-Punkt Untergruppe	. . inorganic [2]
C08K 7/06	3-Punkt Untergruppe	. . . Elements [2]
C08K 7/08	3-Punkt Untergruppe	. . . Oxygen-containing compounds [2]
C08K 7/10	3-Punkt Untergruppe	. . . Silicon-containing compounds [2]
C08K 7/12	4-Punkt Untergruppe	 Asbestos [2]
C08K 7/14	3-Punkt Untergruppe	. . . Glass [2]
C08K 7/16	1-Punkt Untergruppe	. Solid spheres [2]
C08K 7/18	2-Punkt Untergruppe	. . inorganic [2]
C08K 7/20	3-Punkt Untergruppe	. . . Glass [2]
C08K 7/22	1-Punkt Untergruppe	. Expanded, porous or hollow particles [2]
C08K 7/24	2-Punkt Untergruppe	. . inorganic [2]
C08K 7/26	3-Punkt Untergruppe	. . . Silicon-containing compounds [2]
C08K 7/28	3-Punkt Untergruppe	. . . Glass [2]
C08K 9/00	Hauptgruppe	Use of pretreated ingredients (use of pretreated fibrous materials in the manufacture of articles or shaped materials containing macromolecular substances C08J 5/06) [2]

Symbol	Typ	Titel
C08K 9/02	1-Punkt Untergruppe	. Ingredients treated with inorganic substances [2]
C08K 9/04	1-Punkt Untergruppe	. Ingredients treated with organic substances [2]
C08K 9/06	2-Punkt Untergruppe	. . with silicon-containing compounds [2]
C08K 9/08	1-Punkt Untergruppe	. Ingredients agglomerated by treatment with a binding agent [2]
C08K 9/10	1-Punkt Untergruppe	. Encapsulated ingredients [2]
C08K 9/12	1-Punkt Untergruppe	. Adsorbed ingredients [2]
C08K 11/00	Hauptgruppe	Use of ingredients of unknown constitution, e.g. undefined reaction products [2]
C08K 13/00	Hauptgruppe	Use of mixtures of ingredients not covered by any single one of main groups C08K 3/00-C08K 11/00, each of these compounds being essential [4]
C08K 13/02	1-Punkt Untergruppe	. Organic and inorganic ingredients [4]
C08K 13/04	1-Punkt Untergruppe	. Ingredients characterised by their shape and organic or inorganic ingredients [4]
C08K 13/06	1-Punkt Untergruppe	. Pretreated ingredients and ingredients covered by the main groups C08K 3/00-C08K 7/00 [4]
C08K 13/08	1-Punkt Untergruppe	. Ingredients of unknown constitution and ingredients covered by the main groups C08K 3/00-C08K 9/00 [4]