

Application Codes for Encoding Wood Preservatives (PT 08)

The following Application Codes are one in a series of similar codes developed with the aim of offering guidance in the preparation of application documents for product authorisation. The current one is designed for product type 08. A multitude of applicants from varied professional backgrounds and languages are and will be involved in the process. Along these lines, a uniform pick list was created. It contains the specific terminology used in this field and covers a wide range of terms, listing not only possible target organisms but also the mode(s) of action of active ingredients, the type(s) of formulations, field(s) of use as well as the methods of application of the biocide product. While great care has been exercised to prepare the list of technical terms as complete as possible, this was not the primary aim when listing target organisms. Hence, the list is not exhaustive as far as potential target organisms are concerned: some categories are represented by broader family names, of which then *examples* of potential target species are mentioned that belong to this family. As organism names vary considerably across regions and nations, names of species are given in Latin, English and German. The list should be seen as a *living* document, open for discussion by its users and ready to be expanded by them. Therefore, updates will be provided, when considered necessary.

This document was agreed upon at the 12th Technical Meeting on Biocides for the implementation of Directive 98/8/EC concerning the placing of biocidal products on the market (8-11 June 2004).

Files I – VIII of the Application Code for encoding wood preservatives/ proposal of the German Federal Institute for Risk Assessment (BfR) in co-operation with the Federal Institute for Materials, Research and Testing (BAM). The common English term is included to help non-experts, but it should be noted that it may vary with English speaking regions. Superior terms have to be used if a certain term is not included in the files.

File I: Target organisms to be controlled*

Code	Scientific names	Common English term	Deutscher Begriff der EN 335-1
I.1	<i>Fungi</i>	fungi	Pilze
I.1.1		wood rotting fungi	holzerstörende Pilze
I.1.1.1	<i>Basidiomycetes</i>	wood rotting basidiomycetes	holzerstörende Basidiomyceten
I.1.1.2.		soft rot fungi	Moderfäulepilze
I.1.2		wood disfiguring fungi	holzverfärbende Pilze
I.1.2.1		blue stain fungi	Bläuepilze
I.1.2.2		sap staining fungi	holzverfärbende Pilze an saftfrischem Holz
I.1.2.3		mould fungi	Schimmelpilze
I.2.	<i>Insecta</i>	insects	Insekten
I.2.1	<i>Coleoptera</i>	beetles	Käfer
I.2.1.1	<i>Hylotrupes bajulus L.</i>	house longhorn beetle	Hausbockkäfer
I.2.1.2	<i>Anobium punctatum De Geer</i>	common furniture beetle	Pochkäfer
I.2.1.3	<i>Xestobium rufovillosum</i>	death-watch beetle	Totenuhr
I.2.1.4	<i>Lyctus brunneus</i>	powder post beetles	Splintholzkäfer
I.2.1.5	<i>Hesperophanes spp.</i>	longhorned wood borer	
I.2.2	<i>Isoptera</i>	termites	Termiten
I.2.2.1		subterranean termites	erdbewohnende Termiten
I.2.2.2		drywood termites	Trockenholztermiten
I.2.2.3		tree termites**	Baumtermiten
I.3		wood destroying marine organisms	Holzschädlinge im Meerwasser
I.3.1		mussels	Muscheln
I.3.1.1	<i>Teredo spp.</i>	shipworm	Bohrmuschel bzw. Schiffsbohrwurm
I.3.2		crustaceans	Krebstiere
I.3.2.1	<i>Limnoria spp.</i>	gribble	Holzbohrassel

* the classification is assumed from EN 335-1: 1992 'Durability of wood and wood-based products; Definition of hazard classes of biological attack; Part 1: General' in most instances

** not relevant for wood preservatives in Europe

File II: Developmental stages of target organisms to be controlled

<u>Code</u>	<u>English term</u>	<u>Deutscher Begriff</u>
II.1	fungi	Pilze
II.1.1	hyphae	Hyphen
II.1.2	spores and spore producing structures	Sporen und Sporenbildner
II.2	insects	Insekten
II.2.1	eggs	Eier
II.2.2	larvae	Larven
II.2.3	pupae	Puppen
II.2.4	nymphs	Nymphen
II.2.5	adults	Adulte
II.3	mussels	Muscheln
II.4	crustaceans	Krebstiere

File III: Function/Mode of action of a.s./b.p.

<u>Code</u>	<u>English term</u>	<u>Deutscher Begriff</u>
III.1	fungicide	Fungizid
III.1.1	inhibition of metabolism	Hemmung des Metabolismus
III.1.2	active on membranes	membranaktiv
III.2	insecticide	Insektizid
III.2.1	contact action	Kontaktwirkung
III.2.2	inhalation	Atemgift
III.2.3	ingestion	Fraßgift
III.2.4	insect growth regulator	Insektenwachstumsregulator
III.2.5	repellent	Repellent
III.2.6	attractant	Lockmittel
III.2.7	pheromone	Pheromon
III.3	molluscicide	Molluskizid
III.4	bactericide	Bakterizid
III.5	algicide	Algizid

File IV: Field of use*

	<u>English term</u>	<u>Deutscher Begriff</u>
IV.1	indoor use	Innenraum-Anwendung
IV.1.1	use class 1	Gebrauchsklasse 1
IV.1.2	use class 2	Gebrauchsklasse 2
IV.2	outdoor use	Anwendung im Außenbereich
IV.2.1	use class 2	Gebrauchsklasse 2
IV.2.2	use class 3	Gebrauchsklasse 3
IV.2.3	use class 4	Gebrauchsklasse 4
IV.2.4	use class 5	Gebrauchsklasse 5

* these terms are expected to be included in the coming version of EN 335-1 which will possibly be accepted in March 2004, after this decision it should be "according to the valid version of EN 335-1"

File V: User category*

	<u>English term</u>	<u>Deutscher Begriff</u>
V.1	non-professional / general public	Verbraucher
V.2	professional	berufsmäßiger Verwender
V.3	specialised professional	sachkundiger Verwender

File VI: Method of application

<u>Code</u>	<u>English term</u>	<u>Deutscher Begriff</u>
VI.1	open system	offenes System
VI.1.1	brush treatment	Streichen
VI.1.2	spray treatment	Sprühen
VI.1.3	foam application	Schäumen
VI.1.4	immersion	Trogtänkung
VI.1.5	dip treatment	Tauchen
VI.1.6	diffusion	Diffusionsverfahren
VI.1.7	injection	Injektion
VI.1.8	deluging	Sprühtunnelverfahren
VI.1.9	wrapping	Umwickeln; Bandagieren
VI.2	closed system	geschlossenes System
VI.2.1	pressure process	Druckverfahren
VI.2.2	vacuum impregnation	Vakuumtränkung
VI.3	fumigation	Begasen
VI.4	mixing with glue and mortar	Zumischen zu Leim und Mörtel
VI.5	other application methods	andere Anwendungen

File VII: Application aim

<u>Code</u>	<u>English term</u>	<u>Deutscher Begriff</u>
VII.1	preventive	vorbeugend
VII.2	curative (eradicator)	bekämpfend

File VIII: Type of formulation

<u>Code</u>	<u>English term</u>	<u>Deutscher Begriff</u>
VIII.1	gas formulations	gasförmige Formulierungen
VIII.1.1	gas (GA)	Gas
VIII.1.2	gas generating product (GE)	gasbildendes Produkt
VIII.2	liquid formulations	flüssige Formulierungen
VIII.2.1	concentrates	Konzentrate
VIII.2.1.1	water based (SL)	wasserbasiert
VIII.2.1.2	solvent based	lösemittelbasiert
VIII.2.1.3	emulsion / micro-emulsion (EC)	Emulsion, Mikroemulsion
VIII.2.2	ready for use	gebrauchsfertig
VIII.2.2.1	water based	wasserbasiert
VIII.2.2.2	solvent based	lösemittelbasiert
VIII.2.2.3	emulsion / micro-emulsion (EW)	Emulsion, Mikroemulsion
VIII.2.2.4	creosote	Teeröl
VIII.3	solid formulation	feste Formulierungen
VIII.3.1	salts	Salze
VIII.3.2	water dispersable granulate material (WG)	wasserdispergierbares Granulat
VIII.3.3	powders*	Pulver
VIII.3.4	pellets*	Pellets
VIII.4	other formulations	andere Formulierungen
VIII.4.1	bait (RB- ready for use)	Köder
VIII.4.2	foams	Produkt zum Verschäumen
VIII.4.3	bandages	Bandagen
VIII.4.4	rod / cartridge	Stab, Kartusche
VIII.4.5	pastes (PA)*	Pasten
VIII.4.6	gels (PC)*	Gele

* not common for wood preservatives