

Consortia Carbondisulphide (CAS: 75-15-0; EINECS: 200-843-6) - identified uses -

02.12.2009	Sector of use category [SU]	Chemical product category [PC]	Process category [PROC]	Environmental release category [ERC]	Article Category [AC]	Remarks
	SU describes in which sector of the economy the substance is used. This includes mixing or repackaging of substances at formulator's level as well as industrial, professional and consumer enduses ¹	PC describes in which types of chemical products (= substances as such or in preparations (mixture)) ² the substance is finally contained when it is supplied to enduses (by industrial, professional or consumer users)	PROC describes the application techniques or process types defined from the occupational perspective	ERC describes the broad conditions of use from the environmental perspective	AC describes the type of article into which the substance has eventually been processed. This also includes preparations [mixtures] in their dried or cured form (e.g. dried printing ink in newspapers; dried coatings on various surfaces)	
1	SU 3 Industrial manufacturing/ (Manufacture of man-made fibres NACE-Code: C20.6.0)		PROC02 Use in closed, continuous process with occasional controlled exposure (e.g. sampling)Industrial setting;	ERC06B Industrial use of reactive processing aids	not applicable	
2	SU03 Industrial manufacturing/ (Manufacture of man-made fibres NACE-Code: C20.6.0)		PROC02 Use in closed, continuous process with occasional controlled exposure (e.g. sampling)Industrial setting;	ERC06B Industrial use of reactive processing aids	not applicable	TARIC...
3	SU09 Manufacture of fine chemicals	PC19 Intermediate	PROC01 Use in closed process, no likelihood of exposure	ERC01 Production of chemicals	not applicable	SCC confirmed
4	SU09 Manufacture of fine chemicals	PC19 Intermediate	PROC04 Verwendung in Batch- oder anderen Prozessen (Synthese), bei denen Gelegenheiten zur Exposition bestehen)	ERC01 Production of chemicals	not applicable	SCC confirmed
5	SU03 Industrial manufacturing/ (Manufacture of man-made fibres NACE-Code: C20.6.0)				not applicable	viscose production
6	SU03 Industrial manufacturing/ (Manufacture of man-made fibres NACE-Code: C20.6.0)	PC19 Intermediate	PROC02 Use in closed, continuous process with occasional controlled exposure (e.g. sampling)Industrial setting;	ERC06A Industrial use of intermediates	not applicable	viscose, rayon, cellophane and sponges
7	SU01 Agriculture, forestry, fishery	PC08 Biocidal Products (e.g. Disinfectants, pest control)	PROC01 Use in closed process, no likelihood of exposure	ERC06A Industrial use of intermediates	not applicable	mancozeb, metam sodium, maneb
8	SU08 Manufacture of bulk, large scale chemicals (including petroleum products)	PC19 Intermediate	PROC01 Use in closed process, no likelihood of exposure	ERC06A Industrial use of intermediates	not applicable	thiocyanate, thiurams
9	SU09 Manufacture of fine chemicals	PC21 Laboratory Chemicals	PROC01 Use in closed process, no likelihood of exposure	ERC06A Industrial use of intermediates	not applicable	thiophene
10	SU09 Manufacture of fine chemicals	PC19 Intermediate	PROC01 Use in closed process, no likelihood of exposure	ERC06A Industrial use of intermediates	not applicable	thiophene
11	SU03 Industrial manufacturing/ (Manufacture of man-made fibres NACE-Code: C20.6.0)		PROC02 Use in closed, continuous process with occasional controlled exposure (e.g. sampling)Industrial setting;		not applicable	viscose production, artificial sausage casing production, viscose waste; TARIC: 3917329100_Artificial sausage casings
12	SU08 Manufacture of bulk, large scale chemicals (including petroleum products) / SU09 Manufacture of fine chemicals	PC27 Plant Protection Products	PROC03 Use in closed batch process (synthesis or formulation) Industrial setting;		not applicable	C00039; industrial use
13	SU09 Manufacture of fine chemicals / SU10 Chemical formulation and/or re-packaging / SU20 Health services / SU22 Public domain (administration, education, entertainment, services, craftsmen)	PC19 Intermediate / PC21 Laboratory Chemicals	PROC09 Transfer of substance or preparation into small containers (dedicated filling line, including weighing) Industrial setting; / PROC15 Use a laboratory reagent Non-industrial setting;		not applicable	
14	SU 3 Industrial manufacturing/	PC19 Intermediate	PROC02 Use in closed, continuous process with occasional controlled exposure (e.g. sampling)Industrial setting;	ERC01 Production of chemicals	not applicable	SCC confirmed
15	SU09 Manufacture of fine chemicals	PC19 Intermediate	PROC02 Use in closed, continuous process with occasional controlled exposure (e.g. sampling)Industrial setting;	ERC06A Industrial use of intermediates	not applicable	intermediate
16	SU 3 Industrial manufacturing/	PC19 Intermediate	PROC02 Use in closed, continuous process with occasional controlled exposure (e.g. sampling)Industrial setting;	ERC06A Industrial use of intermediates	not applicable	
17	SU05 Manufacture of textiles, leather, fur	PC32 Polymer Preparations and Compounds	PROC14 Production of preparations or articles by tableting, compression, extrusion, pelettisation Industrial setting;	ERC06B Industrial use of reactive processing aids	not applicable	TARIC...
18	SU1 Agriculture, forestry, fishery	PC8 Biocidal Products (e.g. Disinfectants, pest control)	PROC0 Other Process or activity	ERC1 Manufacture of substances		
18	SU3 Industrial Manufacturing	PC 9 Coatings and Paints, Fillers, Putties, Thinners	PROC1 Use in closed process, no likelihood of exposure, Industrial setting	ERC2 Formulation of preparations		
18	SU8 Manufacture of bulk, large scale chemicals (including petroleum products)	PC12 Fertilizers	PROC2 Use in closed, continuous process with occasional controlled exposure (e.g. sampling), Industrial setting	ERC4 Industrial use of processing aids in processes and products, not becoming part of articles		
18	SU9 Manufacture of fine chemicals	PC19 Intermediate	PROC3 Use in closed batch process (synthesis or formulation), Industrial setting	ERC6A Industrial use resulting in manufacture of another substance (use of intermediates)		
18	SU10 Formulation [mixing] of preparations and/or re-packaging	PC20 Products such as ph-regulators, flocculants, precipitants, neutralization agents, other unspecific	PROC4 Use in batch and other process (synthesis) where opportunity for exposure arises, Industrial setting	ERC6B Industrial use of reactive processing aids		
18	SU21 Private households (= general public = consumers)	PC22 Lawn and Garden Preparations, including fertilizers	PROC5 Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact), Industrial setting	ERC7 Industrial use of substances in closed systems		
18	SU22 Public domain (administration, education, entertainment, services, craftsmen)	PC27 Plant Protection Products	PROC7 Spraying in industrial settings and applications, Industrial setting	ERC8A Wide dispersive indoor use of reactive substances in open systems		
18			PROC8a Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non dedicated facilities ³	ERC 8D Wide dispersive outdoor use of processing aids in open systems		
18			PROC8b Transfer of substance or preparation (charging/discharging) from/ to vessels/large containers at dedicated facilities ³	ERC8E Wide dispersive outdoor use of reactive substances in open systems		
18			PROC9 Transfer of substance or preparation into small containers (dedicated filling line, including weighing), Industrial setting	ERC 8F Wide dispersive outdoor use resulting in inclusion into or onto a matrix		
18			PROC11 Spraying outside industrial settings or applications	ERC 10A Wide dispersive outdoor use of long-life articles and materials with low release		
18			PROC14 Production of preparations or articles by tableting, compression, extrusion, pelettisation, Industrial setting	ERC 10B Wide dispersive outdoor use of long-life articles and materials with high or intended release		
18			PROC 16 Using material as fuel sources, limited exposure to unburned product to be expected, Industrial or non-industrial setting	ERC 11B Wide dispersive indoor use of long-life articles and materials with high or intended release		
18			PROC19 Hand-mixing with intimate contact and only PPE available. Non-industrial setting			
32	SU03 Industrielle Herstellung	PC19 Zwischenprodukt	PROC01 Verwendung in geschlossenen Prozessen ohne Expositionswahrscheinlichkeit	ERC01 Herstellung von Chemikalien	not applicable	SCC confirmed
33	SU09 Herstellung von "Feinchemikalien"	PC19 Zwischenprodukt	PROC01 Verwendung in geschlossenen Prozessen ohne Expositionswahrscheinlichkeit	ERC06A Industrielle Verwendung von Zwischenprodukten	not applicable	intermediate
34	SU03 Industrial Manufacturing (all)	PC19 Intermediate	PROC01 Use in closed process, no likelihood of exposure	ERC06A Industrial use of intermediates		

35	SU05 Manufacture of textiles, leather, fur	PC32 Polymer Preparations and Compounds	PROC14 Production of preparations or articles by tableting, compression, extrusion, pelettisation Industrial setting;	ERC06B Industrial use of reactive processing aids	not applicable	
36	SU08 Manufacture of bulk, large scale chemicals (including petroleum products)	PC19 Intermediate	PROC01 Use in closed process, no likelihood of exposure	ERC01 Production of chemicals	not applicable	
37	SU09 Manufacture of fine chemicals	PC19 Intermediate	PROC03 Use in closed batch process (synthesis or formulation) Industrial setting;	AC00 Other articles without intended release		ERC01 Production of chemicals
38			AC10-3 Rubber products: footwear			
39			AC10-5 Other general rubber products			
40	SU03 Industrial Manufacturing (all)	PC0	PROC01 Use in closed process, no likelihood of exposure	ERC04 Industrial use of processing aids		
41	SU03 Industrial Manufacturing (all)	PC0	PROC02 Use in closed, continuous process with occasional controlled exposure (e.g. sampling) Industrial setting;	ERC04 Industrial use of processing aids		
42	SU03 Industrial Manufacturing (all)	PC0	PROC08A Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non dedicated facilities Industrial or non-industrial setting;	ERC04 Industrial use of processing aids		
43	SU03 Industrial manufacturing/ (Manufacture of man-made fbres NACE-Code: C20.6.0)	PC19 Intermediate	PROC02 Use in closed, continuous process with occasional controlled exposure (e.g. sampling) Industrial setting;	ERC06A Industrial use of intermediates	not applicable	Manufacturing of spinning viscose
44	SU03 Industrial manufacturing/ (Manufacture of man-made fbres NACE-Code: C20.6.0)	PC19 Intermediate	PROC04 Use in batch and other process (synthesis) where opportunity for exposure arises Industrial setting;	ERC06A Industrial use of intermediates	not applicable	Regeneration of cellulose

Distribution as such is not a use under REACH. However, if distribution includes substance transfers (e.g. refilling) it is a use.

Tier 1 exposure estimation means a modelled, conservative exposure prediction, based on substance properties and a few easily accessible and easy to interpret input parameters. Various tools exist to carry out such estimates. One of these is the Targeted Risk Assessment Tool for occupational exposure and consumer exposure developed by ECETOC (up-date published in July 2009, <http://www.ECETOC.org>). For the environment, the environmental release categories (ERCs) can be used to drive a tier 1 release estimate. Those release estimates enable exposure estimation based on EUSES. The release calculation module required for this will be described in the updated Guidance Chapter R.16 on environmental

¹ The end-use of a substance as such or in a preparation is the last use before the substance becomes part of an article matrix, reacts on use (and hence disappears) and/or enters into waste, waste water or air emission. Uses which exclu-sively aim at making the substance a component in a preparation [mixture] are not end-uses. This differentiation is made in order to prevent that each stage of mixing in a longer chain of preparation-makers to be described separately.

² The term chemical product covers both substances as such or in a preparation [mixture]. This is meant to allow for both description of supplied products only containing a substance as such, as well as for products being preparations. In the context of this guidance, the term also covers metals (including alloys) in their primary form (e.g. ingots, powder).