

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 | | |

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|----|---|---|--|---|----------------|-----------------------------------|
| 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.

²The 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).