

REACH Communication of Uses to Downstream Users Surfactants & Specialty Additives

The following table outlines REACH uses defined by Air Products for its Surfactants & Specialty Additives product line. For a complete list of Surfactants & Specialty Additives products, please use the link below:

[Complete product list, Surfactants & Specialty Additives](#)

For a complete reference of the Use Descriptor System, please refer to the [Guidance on Information Requirements and Chemical Safety Assessment, Chapter R.12: Use Descriptor System](#) (Draft, 09/18/2009), published by the [European Chemicals Agency](#) (ECHA).

Application	Sector of Use (SU)	Process Category (PROC)	Product Category (PC)	Environmental Release Category (ERC)
Adhesives & Sealants	21 Consumer uses	0 Other Process or activity	0	5
	22 Professional uses			
Chemical & Allied	1 Agriculture, forestry, fishery	11 Non industrial spraying	20, 22	2
	2a Mining, (without offshore industries)	11 Non industrial spraying	20, 35	6b, 8e
	2b Offshore industries	16 Using material as fuel sources, limited exposure to unburned product to be expected Industrial or non-industrial setting;		
	3 Industrial uses	7 Industrial spraying	9a, 9b	5
	19 Building and construction work	0 Other Process or activity	0, 10	2, 3
21 Consumer uses				
Coatings & Paints	3 Industrial uses	10 Roller application or brushing	9a, 9b	5
	7 Printing and reproduction of recorded media	0 Other Process or activity	9a, 9b, 18	5
		10 Roller application or brushing		
22 Professional uses	19 Hand-mixing with intimate contact and only PPE available.	9a, 9b	8a, 8c	
Inks & Graphic Arts	7 Printing and reproduction of recorded media	10 Roller application or brushing	9a, 9b, 18	5, 8c
Manufacturing	0-2 Other activities related to manufacture and services	7 Industrial spraying	4, 35	8d
	5 Manufacture of textiles, leather, fur	11 Non industrial spraying	23, 34	5
		5 Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)	9a, 9b	5
	6 Manufacture of pulp, paper and paper products	0 Other Process or activity	9a, 9b, 18, 30	5
	10 Roller application or brushing			
(continued)	8 Manufacture of bulk, large scale chemicals (including petroleum products)	2 Use in closed, continuous process with occasional controlled exposure (e.g. sampling)	20	4, 6b
		13 Treatment of articles by dipping and pouring		

Application	Sector of Use (SU)	Process Category (PROC)	Product Category (PC)	Environmental Release Category (ERC)
<i>(continued)</i> Manufacturing	11 Manufacture of rubber products	13 Treatment of articles by dipping and pouring	1	3
	12 Manufacture of plastics products, including compounding and conversion	14 Production of preparations or articles by tableting, compression, extrusion, pelletisation	32	3
	13 Manufacture of other non-metallic mineral products, e.g. plasters, cement	0 Other Process or activity	10	3
	15 Manufacture of fabricated metal products, except machinery and equipment	17 Lubrication at high energy conditions and in partly open process	25	4
	16 Manufacture of computer, electronic and optical products, electrical equipment	10 Roller application or brushing	9a, 9b	5
	17 General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment.	1 Use in closed process, no likelihood of exposure 10 Roller application or brushing	9a, 9b	5