

2. MANUFACTURE AND USES

2.1. Manufacture

Table 2.2. Manufacture

	Manufacture
M-1	<p>Manufacture of the substance</p> <p><u>Further description of manufacturing process:</u> Contributing activity/technique for the environment : - Manufacture of the substance (ERC1)</p> <p>Contributing activity/technique for the workers : - PROC 1 - PROC 2 - PROC 3 - PROC 4 - PROC 8a - PROC 8b - PROC 9 - PROC 26 - PROC28</p> <p>use registered according to REACH Article 10; manufactured/imported ≥ 10tonnes/year per registrant <i>Related assessment: use assessed in a joint CSR</i></p>

2.2. Identified uses

Table 2.3. Formulation

	Formulation
F-2	<p>Formulation into mixtures and re-packing</p> <p><u>Further description of the use:</u> Contributing activity/technique for the environment : - (ERC2)</p> <p>Contributing activity/technique for the workers : - PROC 3 - PROC 4 - PROC 5 - PROC 8a - PROC 8b - PROC 9 - PROC 14 - PROC 19 - PROC 22 - PROC 23 - PROC 26</p> <p>Product Category formulated:</p>

	<ul style="list-style-type: none"> – PC 9a: Coatings and paints, thinners, paint removes – PC 9b: Fillers, putties, plasters, modelling clay – PC 12: Fertilisers – PC 18: Ink and toners – PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents – PC 21: Laboratory chemicals – PC 26: Paper and board dye, finishing and impregnation products: including bleaches and other processing aids – PC 32: Polymer preparations and compounds – PC 33: Semiconductors – PC 34: Textile dyes, finishing and impregnating products; including bleaches and other processing aids <p>Technical function of the substance:</p> <ul style="list-style-type: none"> – catalyst – heat transferring agent – pigment – processing aid – UV stabilizer <p>use registered according to REACH Article 10; Substance supplied to that use: as such ; in a mixture <i>Related assessment: use assessed in a joint CSR</i></p>
F-3	<p>Formulation into solid matrices and re-packing</p> <p><u>Further description of the use:</u> Contributing activity/technique for the environment : - (ERC3)</p> <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> – PROC 3 – PROC 4 – PROC 5 – PROC 8a – PROC 8b – PROC 9 – PROC 14 – PROC 19 – PROC 22 – PROC 23 – PROC 26 – PROC28 <p>Product Category formulated:</p> <ul style="list-style-type: none"> – PC 9a: Coatings and paints, thinners, paint removes – PC 9b: Fillers, putties, plasters, modelling clay – PC 12: Fertilisers – PC 18: Ink and toners – PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents – PC 21: Laboratory chemicals – PC 26: Paper and board dye, finishing and impregnation products: including bleaches and other processing aids – PC 32: Polymer preparations and compounds

	<ul style="list-style-type: none"> – PC 33: Semiconductors – PC 34: Textile dyes, finishing and impregnating products; including bleaches and other processing aids <p>Technical function of the substance:</p> <ul style="list-style-type: none"> – catalyst – heat transferring agent – pigment – processing aid – UV stabilizer <p>use registered according to REACH Article 10 Substance supplied to that use: as such ; in a mixture <i>Related assessment: use assessed in a joint CSR</i></p>
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Table 2.4. Uses at industrial sites

	Uses at industrial sites
IW-4	<p>Industrial use as additive/pigment/auxiliary in plastics, paints, coatings, inks and paper products</p> <p><u>Further description of the use:</u> Contributing activity/technique for the environment : - (ERC5) Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> – PROC 5 – PROC 6 – PROC 7 – PROC 8a – PROC 8b – PROC 9 – PROC 13 – PROC 14 – PROC 19 – PROC 21 – PROC 22 – PROC 23 – PROC 24 – PROC 26 – PROC28 <p>Product Category used:</p> <ul style="list-style-type: none"> – PC 9a: Coatings and paints, thinners, paint removes – PC 9b: Fillers, putties, plasters, modelling clay – PC 18: Ink and toners – PC 26: Paper and board dye, finishing and impregnation products: including bleaches and other processing aids – PC 34: Textile dyes, finishing and impregnating products; including bleaches and other processing aids <p>Sector of end use: SU 8: Manufacture of bulk, large scale chemicals (including petroleum products) SU 9: Manufacture of fine chemicals</p>

	<p>Technical function of the substance:</p> <ul style="list-style-type: none"> - catalyst - heat transferring agent - pigment - processing aid - UV stabilizer <p>use registered according to REACH Article 10</p> <p>Substance supplied to that use: as such ; in a mixture Subsequent service life relevant for that use: yes Link to the subsequent service life: <i>Related assessment: use assessed in a joint CSR</i></p>
IW-5	<p>Industrial use as polymer preparations and compounds including processing aids in the manufacture of plastic products</p> <p><u>Further description of the use:</u> Contributing activity/technique for the environment : - Industrial use as polymer preparations and compounds including processing aids in the manufacture of plastic products (ERC6d)</p> <p>Contributing activity/technique for the workers : <ul style="list-style-type: none"> - PROC 5 - PROC 6 - PROC 7 - PROC 8a - PROC 8b - PROC 9 - PROC 13 - PROC 14 - PROC 23 - PROC 24 - PROC 26 - PROC28 </p> <p>Product Category used:</p> <ul style="list-style-type: none"> - PC 32: Polymer preparations and compounds <p>Sector of end use: SU 12: Manufacture of plastics products, including compounding and conversion</p> <p>Technical function of the substance:</p> <ul style="list-style-type: none"> - heat transferring agent - pigment - processing aid - UV stabilizer <p>use registered according to REACH Article 10; Substance supplied to that use: as such ; in a mixture Subsequent service life relevant for that use: yes Link to the subsequent service life:</p>

	<i>Related assessment: use assessed in a joint CSR</i>
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Table 2.5. Uses by professional workers

	Uses by professional workers
PW-6	<p>Professional use as fertilizer</p> <p><u>Further description of the use:</u> Contributing activity/technique for the environment : - Professional use as fertilizer (ERC8b ; ERC8e)</p> <p>Contributing activity/technique for the workers : - PROC 5 - PROC 8a - PROC 8b - PROC 9 - PROC 14 - PROC 19 - PROC 26 - PROC28</p> <p>Product Category used: - PC 12: Fertilisers</p> <p>Sector of end use: SU 1: Agriculture, forestry and fishing</p> <p>Technical function of the substance: - fertilisers (soil amendments)</p> <p>use registered according to REACH Article 10; total tonnage Subsequent service life relevant for that use: no Link to the subsequent service life: <i>Related assessment: use assessed in a joint CSR</i></p>

Table 2.6. Consumer uses

	Consumer uses
C-7	<p>Consumer use as fertilizer</p> <p><u>Further description of the use:</u> Contributing activity/technique for the environment: - Consumer use as fertilizer (ERC8b ; ERC8e)</p> <p>Contributing activity/technique for consumers: - Product category (PC): PC 12</p> <p>Technical function of the substance: - fertilisers (soil amendments)</p> <p>use registered according to REACH Article 10; Subsequent service life relevant for that use: no Link to the subsequent service life:</p>

	<i>Related assessment: use assessed in a joint CSR</i>
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Table 2.7. Article service life

	Article service life
SL-1	<p>Service life industrial use and/or processing of articles containing the bound substance (including assembled articles) such as electronic articles, textiles, paper and board products</p> <p><u>Further description of the use:</u> Article used by: workers ; consumers Substance intended to be released from article: no</p> <p>Article category related to subsequent service life (AC):</p> <ul style="list-style-type: none"> - AC 2: Machinery, mechanical appliances, electrical/electronic articles - AC5b: Fabrics, textiles and apparel: Toys intended for children's use (and child dedicated articles) - AC5d: Fabrics, textiles and apparel: Articles intended for food contact - AC5f: Fabrics, textiles and apparel: Articles with intense direct dermal contact during normal use - AC5g: Fabrics, textiles and apparel: Articles with intense direct dermal contact during normal use: bedding and mattresses - AC5h: Other articles made of fabrics, textiles and apparel - AC8a: Paper articles: Large surface area articles - AC8b: Paper articles: Toys intended for children's use (and child dedicated articles) ; - AC8d: Paper articles: Articles intended for food contact - AC8f2: Paper articles: Articles with intense direct dermal contact during normal use: printed articles with dermal contact in normal conditions of use - AC8g: Other paper articles <p>Contributing activity/technique for the environment: - (ERC12a)</p> <p>Contributing activity/technique for consumers: - - Article Category (AC): AC 2 ; AC 3</p> <p>Contributing activity/technique for the workers:</p> <ul style="list-style-type: none"> - PROC 21 - PROC 24 - PROC28 <p>Technical function of the substance:</p> <ul style="list-style-type: none"> - intermediate (precursor) - pigment - processing aid <p>use registered according to REACH Article 10; <i>Related assessment: use assessed in a joint CSR</i></p>
SL-2	<p>Service life industrial use and/or processing of plastic articles containing the bound substance (including assembled articles)</p> <p><u>Further description of the use:</u></p>

<p>Article used by: workers ; consumers Substance intended to be released from article: no</p> <p>Article category related to subsequent service life (AC):</p> <ul style="list-style-type: none">- AC13a: Plastic articles: Large surface area articles- AC13b: Plastic articles: Toys intended for children's use (and child dedicated articles) ;AC13c: Plastic articles: Packaging (excluding food packaging)- AC13d: Plastic articles: Articles intended for food contact- AC13e: Plastic articles: Furniture & furnishings, including furniture coverings- AC13f: Plastic articles: Articles with intense direct dermal contact during normal use- AC13g: Other plastic articles <p>Contributing activity/technique for the environment: - (ERC10a ; ERC11a)</p> <p>Contributing activity/technique for consumers: - Article Category (AC): AC 13</p> <p>Contributing activity/technique for the workers: - (PROC 21 ; PROC 24 ; PROC28)</p> <p>Technical function of the substance:</p> <ul style="list-style-type: none">- heat transferring agent- pigment- process regulator ;- UV stabilizer <p>use registered according to REACH Article 10; <i>Related assessment: use assessed in a joint CSR</i></p>
