



## Spinel (Mg(AlO<sub>2</sub>)<sub>2</sub>) identified uses

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## Spinel (Mg(AlO<sub>2</sub>)<sub>2</sub>) identified uses

### Uses by workers in industrial settings

<b>EU: REACH</b>	
<b>IU number</b>	2
<b>Identified use name</b>	manufacturing of watch glasses
<b>Process category</b>	PROC 3: Use in closed batch process (synthesis or formulation)  PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)  PROC 14: Production of preparations or articles by tableting, compression, extrusion, pelletisation
<b>Environmental release category</b>	ERC 3: Formulation in materials  ERC 5: Industrial use resulting in inclusion into or onto a matrix
<b>Substance supplied to that use in form of</b>	In a mixture  As such
<b>Market sector by type of chemical product</b>	PC 0: Other: R30200
<b>Sector of end use</b>	SU 17: General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment
<b>Subsequent service life relevant for that use?</b>	yes
<b>Article category related to subsequent service life</b>	AC 2: Machinery, mechanical appliances, electrical/electronic articles
<b>Exposure scenario reference in the CSR</b>	no exposure scenario required, the substance is not classified as dangerous according to Directive 67/548/EEC and has no PBT/vPvB properties

## Spinel (Mg(AlO<sub>2</sub>)<sub>2</sub>) identified uses

<b>EU: REACH</b>	
<b>IU number</b>	1
<b>Identified use name</b>	manufacturing of refractory products
<b>Process category</b>	<p>PROC 3: Use in closed batch process (synthesis or formulation)</p> <p>PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)</p> <p>PROC 14: Production of preparations or articles by tableting, compression, extrusion, pelletisation</p>
<b>Environmental release category</b>	<p>ERC 3: Formulation in materials</p> <p>ERC 5: Industrial use resulting in inclusion into or onto a matrix</p>
<b>Substance supplied to that use in form of</b>	<p>In a mixture</p> <p>As such</p>
<b>Market sector by type of chemical product</b>	<p>PC 2: Adsorbents</p> <p>PC 0: Other: A05000, K35000, K35100, K35120, K35900, R30200</p>
<b>Sector of end use</b>	<p>SU 8: Manufacture of bulk, large scale chemicals (including petroleum products)</p> <p>SU 13: Manufacture of other non-metallic mineral products, e.g. plasters, cement</p> <p>SU 14: Manufacture of basic metals, including alloys</p> <p>SU 16: Manufacture of computer, electronic and optical products, electrical equipment</p> <p>SU 17: General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment</p>
<b>Subsequent service life relevant for that use?</b>	yes
<b>Article category related to subsequent service life</b>	AC 0: Other: 3815, 3816, 6902, 6903, 7015, 9002, 711790
<b>Exposure scenario reference in the CSR</b>	no exposure scenario required, the substance is not classified as dangerous according to Directive 67/548/EEC and has no PBT/vPvB properties

## Spinel (Mg(AlO<sub>2</sub>)<sub>2</sub>) identified uses

### EU: REACH

<b>IU number</b>	3
<b>Identified use name</b>	Production and use of catalysts
<b>Process category</b>	PROC 1: Use in closed process, no likelihood of exposure PROC 2: Use in closed, continuous process with occasional controlled exposure PROC 3: Use in closed batch process (synthesis or formulation) PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing) PROC 14: Production of preparations or articles by tableting, compression, extrusion, pelletisation
<b>Environmental release category</b>	ERC 1: Manufacture of substances ERC 3: Formulation in materials ERC 6a: Industrial use resulting in manufacture of another substance (use of intermediates)
<b>Substance supplied to that use in form of</b>	As such In a mixture
<b>Market sector by type of chemical product</b>	PC 0: Other: not relevant
<b>Sector of end use</b>	SU 9: Manufacture of fine chemicals SU 8: Manufacture of bulk, large scale chemicals (including petroleum products)
<b>Subsequent service life relevant for that use?</b>	no
<b>Exposure scenario reference in the CSR</b>	no exposure scenario required, the substance is not classified as dangerous according to Directive 67/548/EEC and has no PBT/vPvB properties

## Spinel (Mg(AlO<sub>2</sub>)<sub>2</sub>) identified uses

### Most common technical functions of the substance

Technical function of substance (what it does)	other: component of refractory products (cement, stones)
Remarks	null

### Significant routes of exposure

#### Human exposure

By inhalation

#### Environmental exposure

Solid waste

#### Pattern of exposure

Accidental / infrequent