Name: Spinel (Mg(AlO2)2)) identified uses

Legal entity owner: Almatis GmbH / Frankfurt / Germany

Spinel (Mg(AlO2)2)) identified uses

CORE

Manufacture, use and exposure

Use and exposure information

Formulation or re-packing

Formulation

EU: REACH

Use number
3

Use name
Production and use of catalysts

Contributing activity / technique for the environment

Name of activity / technique
Production and use of catalysts

Environmental release category (ERC)
ERC3: Formulation into solid matrix

Contributing activity / technique for workers

Name of activity / technique
Production and use of catalysts

Process category (PROC)
PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions
PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions
PROC 4: Chemical production where opportunity for exposure arises
PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)
PROC 14: Tabletting, compression, extrusion, pelletisation, granulation

Product category formulated
PC 0: Other: not relevant

Technical function of the substance during formulation
other: component of refractory products (cement, stones)

Substance supplied to that use in form of
as such
in a mixture

Total EU tonnage for this use
false

Limited number of sites for this use
true

Details on limited number of sites
1-10 sites

Related assessment
use assessed in a joint CSR

Remarks

No exposure scenario required, the substance is not classified as dangerous according to Directive 67/548/EEC and has no PBT/vPvB properties.

Formulation

EU: REACH

Use number
4

Use name
manufacturing of refractory products

Contributing activity / technique for the environment

Name of activity / technique
manufacturing of refractory products

Environmental release category (ERC)
ERC3: Formulation into solid matrix

Contributing activity / technique for workers

Name of activity / technique
manufacturing of refractory products

Process category (PROC)
PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions
PROC 5: Mixing or blending in batch processes
PROC 14: Tabletting, compression, extrusion, pelletisation, granulation

Product category formulated
PC 2: Adsorbents
PC 0: Other: A05000, K35000, K35100, K35120, K35900, R30200

Technical function of the substance during formulation
other: component of refractory products (cement, stones)

Substance supplied to that use in form of
as such
in a mixture

Total EU tonnage for this use
false

Limited number of sites for this use
true

Details on limited number of sites
1-10 sites

Related assessment
use assessed in a joint CSR

Remarks

No exposure scenario required, the substance is not classified as dangerous according to Directive 67/548/EEC and has no PBT/vPvB properties.

Formulation

EU: REACH

Use number
2

Use name
manufacturing of watch glasses

Contributing activity / technique for the environment

Name of activity / technique
manufacturing of watch glasses

Environmental release category (ERC)
ERC3: Formulation into solid matrix

Contributing activity / technique for workers

Name of activity / technique
manufacturing of watch glasses

Process category (PROC)
PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions
PROC 5: Mixing or blending in batch processes
PROC 14: Tabletting, compression, extrusion, pelletisation, granulation

Product category formulated
PC 0: Other: R30200

Technical function of the substance during formulation
other: component of refractory products (cement, stones)

Substance supplied to that use in form of
as such
in a mixture

Total EU tonnage for this use
false

Limited number of sites for this use
true

Details on limited number of sites
1-10 sites

Related assessment
use assessed in a joint CSR

Remarks

No exposure scenario required, the substance is not classified as dangerous according to Directive 67/548/EEC and has no PBT/vPvB properties.

Uses at industrial sites

EU: REACH

Use number
6

Use name
manufacturing of refractory products

Use as on-site isolated intermediate registered according to REACH Article 17(3)
false

Any precursor use(s)
false

Contributing activity / technique for the environment

Name of activity / technique
manufacturing of refractory products

Environmental release category (ERC)
ERC5: Use at industrial site leading to inclusion into/onto article

Contributing activity / technique for workers

Name of activity / technique
manufacturing of refractory products

Process category (PROC)
PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions
PROC 5: Mixing or blending in batch processes
PROC 14: Tabletting, compression, extrusion, pelletisation, granulation

Product category used
PC 2: Adsorbents
PC 0: Other: A05000, K35000, K35100, K35120, K35900, R30200

Sector of end use
SU 8: Manufacture of bulk, large scale chemicals (including petroleum products)
SU 13: Manufacture of other non-metallic mineral products, e.g. plasters, cement
SU 14: Manufacture of basic metals, including alloys
SU 16: Manufacture of computer, electronic and optical products, electrical equipment
SU 17: General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment

Technical function of the substance during use
other: component of refractory products (cement, stones)

Substance supplied to that use in form of
as such
in a mixture

Subsequent service life relevant for this use
yes

Tonnage of substance for this use (tonnes/year)

30000

Total EU tonnage for this use
false

Limited number of sites for this use
true

Details on limited number of sites
1-10 sites

Related assessment
use assessed in a joint CSR

Remarks

No exposure scenario required, the substance is not classified as dangerous according to Directive 67/548/EEC and has no PBT/vPvB properties.

Uses at industrial sites

EU: REACH

Use number
7

Use name
Production and use of catalysts

Use as on-site isolated intermediate registered according to REACH Article 17(3)
false

Any precursor use(s)
false

Contributing activity / technique for the environment

Name of activity / technique
Production and use of catalysts

Environmental release category (ERC)
ERC6a: Use of intermediate
ERC6b: Use of reactive processing aid at industrial site (no inclusion into or onto article)

Contributing activity / technique for workers

Name of activity / technique
Production and use of catalysts

Process category (PROC)
PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions
PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions
PROC 4: Chemical production where opportunity for exposure arises
PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)
PROC 14: Tabletting, compression, extrusion, pelletisation, granulation

Product category used
PC 0: Other: not relevant

Sector of end use
SU 8: Manufacture of bulk, large scale chemicals (including petroleum products)
SU 9: Manufacture of fine chemicals

Technical function of the substance during use
other: component of refractory products (cement, stones)

Substance supplied to that use in form of
as such
in a mixture

Subsequent service life relevant for this use
no

Tonnage of substance for this use (tonnes/year)

2000

Total EU tonnage for this use
false

Limited number of sites for this use
true

Details on limited number of sites
1-10 sites

Related assessment
use assessed in a joint CSR

Remarks

No exposure scenario required, the substance is not classified as dangerous according to Directive 67/548/EEC and has no PBT/vPvB properties.

Uses at industrial sites

EU: REACH

Use number
5

Use name
manufacturing of watch glasses

Use as on-site isolated intermediate registered according to REACH Article 17(3)
false

Any precursor use(s)
false

Contributing activity / technique for the environment

Name of activity / technique
manufacturing of watch glasses

Environmental release category (ERC)
ERC5: Use at industrial site leading to inclusion into/onto article

Contributing activity / technique for workers

Name of activity / technique
manufacturing of watch glasses

Process category (PROC)
PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions
PROC 5: Mixing or blending in batch processes
PROC 14: Tabletting, compression, extrusion, pelletisation, granulation

Product category used
PC 0: Other: R30200

Sector of end use
SU 17: General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment

Technical function of the substance during use
other: component of refractory products (cement, stones)

Substance supplied to that use in form of
as such
in a mixture

Subsequent service life relevant for this use
yes

Tonnage of substance for this use (tonnes/year)

3000

Total EU tonnage for this use
false

Limited number of sites for this use
true

Details on limited number of sites
1-10 sites

Related assessment
use assessed in a joint CSR

Remarks

No exposure scenario required, the substance is not classified as dangerous according to Directive 67/548/EEC and has no PBT/vPvB properties.

Service life

EU: REACH

Service life number
2

Service life name
Handling of watch glasses

Any precursor use(s)
false

Article used by
workers
consumers

Article category (AC)
AC 2: Machinery, mechanical appliances, electrical/electronic articles

Substance intended to be released from article
no

Contributing activity / technique for the environment

Name of activity / technique
Handling of watch glasses

Environmental release category (ERC)
ERC10a: Widespread use of articles with low release (outdoor)
ERC12a: Processing of articles at industrial sites with low release

Contributing activity / technique for consumers

Name of activity / technique
Handling of watch glasses

Article category (AC)
AC 2: Machinery, mechanical appliances, electrical/electronic articles

Contributing activity / technique for workers

Name of activity / technique
Handling of watch glasses

Process category (PROC)
PROC 14: Tabletting, compression, extrusion, pelletisation, granulation

Technical function of the substance during use
other: component of refractory products (cement, stones)

Total EU tonnage for this use
false

Related assessment
use assessed in a joint CSR

Remarks

Exposure-related description on articles: Articles with particular waste collection and treatment schemes, e.g. electronic equipment

Service life

EU: REACH

Service life number
1

Service life name
Handling of refractory products

Any precursor use(s)
false

Article used by
workers

Article category (AC)
AC 0: Other: 3815, 3816, 6902, 6903, 7015, 9002, 711790

Substance intended to be released from article
no

Contributing activity / technique for the environment

Name of activity / technique
Handling of refractory products

Environmental release category (ERC)
ERC12a: Processing of articles at industrial sites with low release

Contributing activity / technique for workers

Process category (PROC)
PROC 14: Tabletting, compression, extrusion, pelletisation, granulation

Technical function of the substance during use
other: component of refractory products (cement, stones)

Total EU tonnage for this use
false

Related assessment
use assessed in a joint CSR

Remarks

Exposure-related description on articles: Articles with particular waste collection and treatment schemes, e.g. electronic equipment

Service life

Service life number
3

Service life name
Handling of catalysts

Any precursor use(s)
false

Article used by
workers

Article category (AC)
AC 2: Machinery, mechanical appliances, electrical/electronic articles
AC 4: Stone, plaster, cement, glass and ceramic articles

Substance intended to be released from article
no

Contributing activity / technique for the environment

Name of activity / technique
Handling of catalysts

Environmental release category (ERC)
ERC12a: Processing of articles at industrial sites with low release

Contributing activity / technique for workers

Name of activity / technique
Handling of catalysts

Process category (PROC)
PROC 14: Tabletting, compression, extrusion, pelletisation, granulation

Technical function of the substance during use
other: component of catalysts

Total EU tonnage for this use
false

Related assessment
use assessed in a joint CSR

Remarks

Exposure-related description on articles: Articles with particular waste collection and treatment schemes, e.g. electronic equipment

General information

Legal entity name
Almatis GmbH

Legal entity type
company

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