

Safety Data Sheet

according to Regulation (EC) No. 1907/2006

FINO GASEX Decontamination Agent

Print date: 22.12.2011

23150

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**Product identifier****FINO GASEX Decontamination Agent**

Article number: 23150

Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Prevents gas inclusion and discoloration at ceramic veneers when used during ceramic firing.

Uses advised against

No further data.

Details of the supplier of the safety data sheet

Company name:	FINO GmbH	
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Place:	D-97708 Bad Bocklet	
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SECTION 2: Hazards identification**Classification of the substance or mixture**

Void

Label elements**Additional advice on labelling**

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

Other hazards

No risks worthy of mention.

SECTION 3: Composition/information on ingredients**Substances****Chemical characterization**

Material based on carbon and/or graphite.

Further Information

None

SECTION 4: First aid measures**Description of first aid measures****General information**

No special measures are necessary.

After inhalation

After intake of larger substance quantities: Provide fresh air.

After contact with skin

None

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After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Rinse mouth immediately and drink large quantities of water.

Most important symptoms and effects, both acute and delayed

No effects known.

Indication of any immediate medical attention and special treatment needed

No specific information.

SECTION 5: Firefighting measures**Extinguishing media****Suitable extinguishing media**

Foam. Sand. Carbon dioxide. Water spray.

Extinguishing media which must not be used for safety reasons

High power water jet.

Special hazards arising from the substance or mixture

In an oxygen containing atmosphere dusts that develop during the processing of this product can start smouldering above approx. 350 °C.

Can be released in case of fire: Carbon monoxide. / Carbon dioxide (CO₂). / Sulphur dioxide (SO₂).
SO₃**Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

Additional information

None

SECTION 6: Accidental release measures**Personal precautions, protective equipment and emergency procedures**

No special precautionary measures are necessary.

Avoid generation of dust.

Environmental precautions

No special environmental protection measures are necessary.

Methods and material for containment and cleaning up

Collect mechanically.

Reference to other sections

See protective measures under point 7 and 8.

Treat the assimilated material according to the section on waste disposal.

SECTION 7: Handling and storage**Precautions for safe handling****Advice on safe handling**

No special precautionary measures are necessary.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Further information on handling

No special handling instructions are necessary.

Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Store under normal and dry conditions.

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Store upright.

Advice on storage compatibility

None

Further information on storage conditions

None if stored and handled according to specifications.

SECTION 8: Exposure controls/personal protection

Control parameters

Additional advice on limit values

Does not contain substances above concentration limits fixing an occupational exposure limit.

Exposure controls

Occupational exposure controls

Refer to chapter 7. No further action is necessary.

Protective and hygiene measures

The usual precautionary measures are to be adhered to when handling chemicals.

Wash hands before breaks and at the end of work.

Respiratory protection

Wear dust protection mask only if dust forms.

Hand protection

Hand protection: not required.

Eye protection

Protective eyewear when dust develops.

Skin protection

Skin protection: not required.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	solid
Colour:	grey / black
Odour:	neutral

Test method

pH-Value:	7 (Suspension)
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Changes in the physical state

Melting point:	---
Boiling point:	not applicable
Softening point:	not applicable
Flash point:	not applicable

Flammability

Solid:	not applicable
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Explosive properties

Product is not explosive.

Lower explosion limits:	---
Upper explosion limits:	---
Ignition temperature:	not applicable

Auto-ignition temperature

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Solid:	not applicable
Vapour pressure: (at 20 °C)	---
Density (at 20 °C):	1,7 - 7,0 g/cm ³
Water solubility:	polymerises with water
Solubility in other solvents:	Not known.
Viscosity / dynamic: (at 25 °C)	---
Vapour density:	not applicable
Evaporation rate:	not applicable

Other information**SECTION 10: Stability and reactivity****Reactivity**

No data available

Chemical stability

No information available.

Possibility of hazardous reactions

No dangerous reactions known.

Conditions to avoid

No specific if used according to specifications.

Incompatible materials

Not known.

Hazardous decomposition products

None if used according to specifications.

Further information

No further information.

SECTION 11: Toxicological information**Information on toxicological effects****Acute toxicity**

If used pertinently toxic effect are not to expect.

Specific effects in experiment on an animal

No data available.

Irritation and corrosivity

Dust might mechanically irritate the respiratory ducts and the eyes

Sensitizing effects

No sensitizing effect known.

Severe effects after repeated or prolonged exposure

Up to now, damaging effects to humans are not known when handling that product.

Carcinogenic/mutagenic/toxic effects for reproduction

No additional indications for carcinogenic or mutagenic impacts and effects toxic for reproduction.

Additional information on tests

Experience in man:

If the threshold values for metals are exceeded acute intoxications may occur, which result in nausea, vomiting and abdominal pain.

Empirical data on effects on humans

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No special references.
No special precautionary measures.

SECTION 12: Ecological information**Toxicity**

Might contain the following heavy metals of EG directive No. 76/464 as per formulation:
iron. copper. Zinc. Lead. Silver, antimony, tin

Persistence and degradability

No classification known.

Bioaccumulative potential

No indication of bio-accumulation potential.

Mobility in soil

No special requirements measures.

Results of PBT and vPvB assessment

This substance does not meet the criteria for classification as PBT or vPvB.

Other adverse effects

No effects known.

Further information

For metal-containing substances the reference to substances of class III TA-Air 1986, number 3.1.4 is applicable (observe alloy components -even traces- that belong to substance class II) The active ingredients respectively components of it should not reach the sewerage. In case that these substances reach the sewerage the legal regulations must be observed.

SECTION 13: Disposal considerations**Waste treatment methods****Advice on disposal**

Remove according to the regulations.
Hand over to officially registered waste disposal company.

Contaminated packaging

Completely emptied packings can be re-cycled.

SECTION 14: Transport information**Land transport (ADR/RID)**

UN number: 0000

UN proper shipping name: No dangerous good in sense of this transport regulation.

Other applicable information (land transport)
Not restricted

Inland waterways transport

UN number: 0000

UN proper shipping name: No dangerous good in sense of this transport regulation.

Other applicable information (inland waterways transport)
Not restricted

Marine transport

UN number: 0000

UN proper shipping name: Not a hazardous material with respect to transportation regulations.

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Other applicable information (marine transport)

Not restricted

Air transport**UN/ID number:** 0000**UN proper shipping name:** Not a hazardous material with respect to transportation regulations.**Other applicable information (air transport)**

Not restricted

Environmental hazards

Dangerous for the environment: no

Special precautions for user

No special precautionary measures are necessary.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No special precautionary measures.

SECTION 15: Regulatory information**Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

1999/13/EC (VOC): None

Additional information

No further data.

National regulatory information

Water contaminating class (D): - - not water contaminating

Additional information

No further data.

Ordinance on Industrial Safety and Health (BetrSichV). ---

Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information**Further Information**

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.