

Safety Data Sheet

according to Regulation (EC) No 1907/2006

7400

Print date: 11.03.2013

Product code: 7400

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

7400

Product group: Endprodukt

Relevant identified uses of the substance or mixture and uses advised against

Details of the supplier of the safety data sheet

Company name: indigodental GmbH
Street: Fahltskamp 5
Place: D-25421 Pinneberg
Telephone: +49 (0) 41 01 86 86 8-0
e-mail: info@indigodental.com
Internet: www.indigodental.com
Telefax: +49 (0) 41 01 86 86 7-0

SECTION 2: Hazards identification

Classification of the substance or mixture

Indications of danger : Corrosive
R-phrases:
Risk of serious damage to eyes.

GHS classification

Hazard Statements:
May be corrosive to metals.
Causes serious eye damage.

Label elements

Signal word: Warning
Pictograms: GHS05



Hazard statements

H290 May be corrosive to metals.
H318 Causes serious eye damage.

Precautionary statements

P406 Store in corrosive resistant container with a resistant inner liner.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/physician.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

SECTION 3: Composition/information on ingredients

Mixtures

Chemical characterization

ALUMINUM CHLORIDE (in aqueous solution)

SECTION 4: First aid measures

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Description of first aid measures

General information

Remove contaminated clothing immediately and dispose off safely.

After inhalation

Provide fresh air.

After contact with skin

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After ingestion

Immediately get medical attention.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

Material is not combustible.

Extinguishing media which must not be used for safety reasons

Material is not combustible.

Special hazards arising from the substance or mixture

Hazardous decomposition products: hydrochloric gas.

Advice for firefighters

Material is not combustible.

SECTION 6: Accidental release measures

Methods and material for containment and cleaning up

Remove mechanically, placing in appropriate containers for disposal.

Reference to other sections

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

SECTION 7: Handling and storage

Precautions for safe handling

Advice on safe handling

Avoid contact with eyes.

Wear suitable gloves and eye/face protection.

Advice on protection against fire and explosion

Material is not combustible.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Store only in original container.

Unsuitable materials for Container: metal.

Further information on storage conditions

Keep container tightly closed.

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure controls

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Occupational exposure controls

Ensure adequate ventilation of the storage area.

Protective and hygiene measures

When using do not eat or drink.

Hand protection

Tested protective gloves are to be worn: Suitable material: NBR (Nitrile rubber).

Eye protection

Tightly sealed safety glasses.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	Paste
Colour:	green
Odour:	characteristic

Test method

pH-Value (at 23 °C):	3
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Changes in the physical state

Melting point:	n.a.
Boiling point:	ca. 100 °C
Flash point:	n.a.
Lower explosion limits:	n.a.
Upper explosion limits:	n.a.
Water solubility: (at 23 °C)	ca. 350 g/L

Solubility in other solvents

dispersible (Water.)

SECTION 10: Stability and reactivity

Incompatible materials

Do not mix with other chemicals.

Hazardous decomposition products

Hazardous decomposition products: hydrochloric gas.

Further information

none / none

SECTION 11: Toxicological information

Information on toxicological effects

Toxicokinetics, metabolism and distribution

No data available

Acute toxicity

No data available

Specific effects in experiment on an animal

Acute toxicity, oral LD50: Rat. ca. 3000 mg/kg

Irritation and corrosivity

Irritating to eyes, respiratory system and skin.

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Sensitising effects

May cause sensitization by skin contact.

Severe effects after repeated or prolonged exposure

No data available

SECTION 12: Ecological information

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Results of PBT and vPvB assessment

No data available

SECTION 13: Disposal considerations

Waste treatment methods

Waste disposal number of waste from residues/unused products

- 180106 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care); wastes from natal care, diagnosis, treatment or prevention of disease in humans; chemicals consisting of or containing dangerous substances
Classified as hazardous waste.

Waste disposal number of contaminated packaging

- 180106 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care); wastes from natal care, diagnosis, treatment or prevention of disease in humans; chemicals consisting of or containing dangerous substances
Classified as hazardous waste.

SECTION 14: Transport information

Land transport (ADR/RID)

<u>UN number:</u>	UN2581
<u>UN proper shipping name:</u>	ALUMINIUM CHLORIDE, SOLUTION
<u>Transport hazard class(es):</u>	8
<u>Packing group:</u>	III
Hazard label:	8



Classification code:	C1
Limited quantity:	5 L
Transport category:	3
Hazard No:	80
Tunnel restriction code:	E

Other applicable information (land transport)

E1

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Marine transport

UN number: UN2581
UN proper shipping name: ALUMINIUM CHLORIDE, SOLUTION
Transport hazard class(es): 8
Packing group: III
 Hazard label: 8



Special Provisions: 223
 Limited quantity: 5 L
 EmS: F-A, S-B

Other applicable information (marine transport)

E1

Air transport

UN/ID number: UN2581
UN proper shipping name: ALUMINIUM CHLORIDE, SOLUTION
Transport hazard class(es): 8
Packing group: III
 Hazard label: 8



Special Provisions: A3 A803
 Limited quantity Passenger: 1 L
 IATA-packing instructions - Passenger: 852
 IATA-max. quantity - Passenger: 5 L
 IATA-packing instructions - Cargo: 856
 IATA-max. quantity - Cargo: 60 L

Other applicable information (air transport)

E1
 : Y841

Environmental hazards

Dangerous for the environment: no

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulatory information

SECTION 16: Other information

Full text of R-phrases referred to under sections 2 and 3

41 Risk of serious damage to eyes.

Full text of H-Statements referred to under sections 2 and 3

H290 May be corrosive to metals.
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(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)