

according to Regulation (EC) No 1907/2006

**Oralloy Magicap S**

Revision date: 04.07.2012

Print date: 17.05.2016

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

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

for dental use only

**1.3. Details of the supplier of the safety data sheet**

Company name: Coltène/Whaledent AG  
Street: Feldwiesenstrasse 20  
Place: CH-9450 Altstätten  
Telephone: +41 (71) 75 75 300  
Telefax: +41 (71) 75 75 301  
e-mail: info.ch@coltene.com  
Internet: www.coltene.com  
Responsible Department: Regulatory Affairs  
msds@coltene.com

**1.4. Emergency telephone number:** +41 (0) 44 251 51 51 - Tox Info Suisse (24 h)

**SECTION 2: Hazards identification****2.2. Label elements****SECTION 3: Composition/information on ingredients****3.2. Mixtures****Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
7439-97-6	mercury			45 - < 50 %
	231-106-7	080-001-00-0		
	Repr. 1B, Acute Tox. 2, STOT RE 1, Aquatic Acute 1 (M-Factor = 1), Aquatic Chronic 1; H360D *** H330 H372 ** H400 H410			

Full text of H and EUH statements: see section 16.

**SECTION 4: First aid measures****4.1. Description of first aid measures****After inhalation**

Provide fresh air. Seek medical advice immediately.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap.

**After contact with eyes**

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

**After ingestion**

Seek medical advice immediately.

**SECTION 5: Firefighting measures**

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**5.1. Extinguishing media****Suitable extinguishing media**Water spray. Foam. Extinguishing powder. Carbon dioxide (CO<sub>2</sub>).**Unsuitable extinguishing media**

High power water jet.

**5.3. Advice for firefighters**

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

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation. Remove persons to safety.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

**6.3. Methods and material for containment and cleaning up**

Take up mechanically, placing in appropriate containers for disposal.

Soak up inert absorbent and dispose as waste requiring special attention.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Avoid contact with skin and eyes.

for professional use only Keep out of the reach of children.

**7.2. Conditions for safe storage, including any incompatibilities****Further information on storage conditions**

Recommended storage temperature: 15 - 23 °C

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
7439-97-6	Mercury	-	0.02		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

**Biological Monitoring Guidance Values (EH40)**

CAS No	Substance	Parameter	Value	Test material	Sampling time
7439-97-6	Mercury	mercury	20 µmol/mol	urine	Random

**8.2. Exposure controls****Protective and hygiene measures**

When using do not eat, drink or smoke.

**Eye/face protection**

Framed glasses.

**Hand protection**

Single-use gloves. Suitable material: PVC (Polyvinyl chloride).

Roeko Glovyl - Or comparable articles from other companies.

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**Skin protection**

Lab apron.

**Respiratory protection**

Provide adequate ventilation.

**Environmental exposure controls**

Do not allow to enter into surface water or drains.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state: solid/ liquid  
Colour: grey metallic  
Odour: --

**Test method****Changes in the physical state**

Initial boiling point and boiling range: 357 (Hg) °C  
Density: (Hg) 13.55 g/cm<sup>3</sup>  
Water solubility: insoluble

**SECTION 10: Stability and reactivity****Further information**

Recommended storage temperature: 15 - 23 °C

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity**

CAS No	Chemical name			
	Exposure route	Dose	Species	Source
7439-97-6	mercury			
	inhalative vapour	ATE 0,5 mg/l		
	inhalative aerosol	ATE 0,05 mg/l		

**Sensitising effects**

May cause an allergic skin reaction.

**SECTION 12: Ecological information****12.1. Toxicity**

Do not allow to enter into surface water or drains.

CAS No	Chemical name				
	Aquatic toxicity	Dose	[h]   [d]	Species	Source
7439-97-6	mercury				
	Acute fish toxicity	LC50 0,35 mg/l	96 h	Ictalurus punctatus	

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

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**Advice on disposal**

Dispose of waste according to applicable legislation.

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

<b>14.1. UN number:</b>	UN 2809
<b>14.2. UN proper shipping name:</b>	MERCURY
<b>14.3. Transport hazard class(es):</b>	8
<b>14.4. Packing group:</b>	III
Hazard label:	8
Classification code:	C9
Limited quantity:	LQ19
Hazard No:	80

**Other applicable information (land transport)**

Special provisions: 599

E0

Transport category: 3

Tunnel restriction code: E

**Marine transport (IMDG)**

<b>14.1. UN number:</b>	UN 2809
<b>14.2. UN proper shipping name:</b>	MERCURY
<b>14.3. Transport hazard class(es):</b>	8
<b>14.4. Packing group:</b>	III
Hazard label:	8
Limited quantity:	5 kg
EmS:	F-A, S-B

**Other applicable information (marine transport)**

Special provisions: 941

**Air transport (ICAO)**

<b>14.1. UN number:</b>	UN 2809
<b>14.2. UN proper shipping name:</b>	MERCURY
<b>14.3. Transport hazard class(es):</b>	8
<b>14.4. Packing group:</b>	III
Hazard label:	8
Limited quantity Passenger:	-
IATA-packing instructions - Passenger:	803
IATA-max. quantity - Passenger:	35 kg
IATA-packing instructions - Cargo:	803
IATA-max. quantity - Cargo:	35 kg

**Other applicable information (air transport)**

E0

: -

35 kg

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

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**SECTION 16: Other information****Relevant H and EUH statements (number and full text)**

H330	Fatal if inhaled.
H360D	May damage the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

**Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*