

# Material Safety Data Sheet

IPS InLine System Build-up Liquids L und P



Date of issue / Reference

14.02.2011

liprt

Replaces version of

28.09.2007

lise / v2

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**Sheet No. 1591**

Version 3

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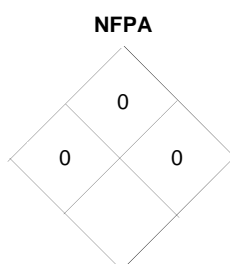
Company

Ivoclar Vivadent AG, Bendererstrasse 2, FL - 9494 Schaan  
Fürstentum Liechtenstein

## 1 Commercial product name and supplier

1.1 Commercial product name /  
Designation

**IPS InLine System Build-up Liquids L und P**



HMIS	
H	0
F	0
R	0

1.2 Application / Use

Metal ceramic

1.3 Producer

Ivoclar Vivadent AG, Bendererstrasse 2, 9494 Schaan  
Principality of Liechtenstein (FL)

1.4 Supplier

Ivoclar Vivadent, Inc.  
175 Pineview Drive, Amherst NY 14228, USA  
2785 Skymark Ave., Unit 1 Mississauga, ON L4W4Y3, Canada  
MSDS prepared by Anderjeet Gulati. Tel. No. 716 691-0010

1.5 24 Hour Emergency Assistance

Emergency-Call USA- Infotrac: 1-800-535-5053  
Emergency-Call Canada - Canutec: 1-613-996-6666

General MSDS Assistance

US: 1-800-533-6825  
Canada: 1-800-263-8182

## 2 Composition

2.1 Chemical characterization

Mixture of water, polyethylene glycol and chloride

2.2 Hazardous components

2.3 Further information

None.

## 3 Hazards identification

None, if used in accordance to instructions.

## 4 First aid measures

4.1 Eye contact

Flush eyes with plenty of water. Call a physician if irritation persists.

4.2 Skin contact

Wash thoroughly with soap and water.

4.3 Ingestion

Give large amounts of water.

4.4 Inhalation

Remove to fresh air.

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4.5 Further information

None.

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## 5 Fire-fighting measures

5.1 Suitable extinguishing media

No specific requirements.

5.2 Extinguishing media to avoid

None known

Test method:

5.3 Flash point

5.4 Ignition temperature

Not applicable.

5.5 Explosion limits

Lower:

Upper:

not applicable

5.6 Further information

None.

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## 6 Accidental release measures

Mop up, wipe up or soak up immediately.

Dispose of according to local and national regulations.

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## 7 Handling and storage

7.1 Handling

Only adequately trained personnel should handle this product.

7.2 Industrial hygiene

Usual hygienic measures for dental practice.

7.3 Storage

Store at 2-28 °C / 36-82 °F

7.4 Place of storage

No specific requirements.

7.5 Fire- and explosion-protection

None.

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## 8 Exposure controls / Personal protection

8.1 Exposure controls

During mixing it is recommended to apply local exhaust ventilation.

8.2 Exposure limit values

None established.

8.3 Occupational exposure controls

8.3.1 Respiratory protection

For most conditions, no respiratory protection should be needed.

8.3.2 Hand protection

Gloves.

8.3.3 Eye protection

Safety goggles.

8.3.4 Other

None.

8.4 Environmental exposure controls

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## 9 Physical and chemical properties

9.1	Appearance	liquid	
9.2	Colour	colourless	
9.3	Odour	odourless	
9.4	Change of physical state		Test method:
9.5	Density	1.0 - 1.1 g/cm <sup>3</sup>	
9.6	Vapour pressure		
		not applicable	
9.7	Viscosity		
		not determined	
9.8	Solubility		
	Solubility in water		
		miscible	
9.9	pH	ca. 4	
9.10	Further information		
	Part. coeff. n-octanol/water		
	Evaporat. rate		
		None.	

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## 10 Stability and reactivity

10.1	Thermal decomposition	None, if used in accordance to instructions.
10.2	Hazardous decomposition products	None under normal conditions of storage and use.
10.3	Conditions / materials to avoid	None.
10.4	Further information	None.

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## 11 Toxicological information

11.1	Acute toxicity	Not toxic.
11.2	Subacute / Chronic toxicity	Prolonged or repeated exposure may cause drying or irritation of the skin.
11.3	Further information	No hazards anticipated from swallowing small amounts incidentally to normal handling.

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## 12 Ecological information

12.1	Ecotoxicity	No data available.
12.2	Mobility	No data available.
12.3	Persistence and degradability	No data available.
12.4	Bioaccumulative potential	No data available.
12.5	Further information	No ecological problems to be anticipated if properly handled and used.

## 13 Disposal considerations

Take to a waste incineration plant, under conditions approved by the local authority.

## 14 Transport information

14.1	Transport at land	ADR	---	RID	---
		UN Number	---	Kemler Number	---
		Packing Group	---		
		Proper shipping name	---		
14.2	Transport at sea	ADNR	---	IMDG	---
		UN Number	---		
		EMS	---	MFAG	---
		Packing Group			
		Proper shipping name	---		
		Marine pollutant			
14.3	Air transport	ICAO / IATA-DGR	---		
		UN Number	---		
		Proper shipping name	---		
		Subsidiary Risk	---		
		Labels	---		
		Packing Group	---		
	Passenger airplane	Packing Instructions	---		
		max.	---		
	Cargo Airplane	Packing Instructions	---		
		max.	---		
14.4	Further information				
					Product is not classified as a dangerous good for transport.

## 15 Regulatory information

The product is a medical device according to the EC-directive 93/42/EEC.

This product is classified as a medical device under US and Canadian regulations and has been reviewed by the US Food and Drug Administration and Health Canada.

This product does not require classification as Dangerous Goods.

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15.1 National regulations

15.2 NFPA Storage

15.3 Further information                      None.

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**16      Other information**                      No other information.

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*The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications do not have the meaning of guarantees on properties.*

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This safety data sheet has been generated with the safety database 'ChemManager',  
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