
	<p align="center">Material Safety Data Sheet</p> <p>TITLE: Influenza A H1N1 (2009) Real Time RT-PCR MSDS</p> <p>AUTHOR: Sheila Sadegh-Tari</p>	<p>Doc. #: MSDS.MOL9100 Revision: A</p> <p>Page 1 of 5</p>
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1.0 PRODUCT & COMPANY IDENTIFICATION

Catalog Number	Kit/Component Description
MOL9100	Influenza A H1N1 (2009) Real Time RT-PCR
MOL9101	FLU Mix 1
MOL9102	FLU Mix 2
MOL9103	RT Mix
MOL9104	Positive Control H1N1

Manufacturer: Focus Diagnostics, Inc., 11331 Valley View Street, Cypress, CA 90630, U.S.A.
Emergency Phone: (714) 220-1900 [U.S.A.], Monday – Friday, 8:00 a.m.–5:00 p.m.

De 100% samenstelling zal van een arbeidskundige (Hogere veiligheidskundige) bekend moeten zijn om een Risico te kunnen maken

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2.0 COMPOSITION, INFORMATION ON INGREDIENTS

Catalog No.(s)	Component(s)	Ingredient(s)	Conc.	CAS No.(s)
1 MOL9101	FLU Mix 1	MgCl ₂	< 0.1% w/v	7786-30-3
		dNTPs	< 0.1% w/v	N/A
		DNA Polymerase	< 0.1% w/v	N/A
		Glycerol	1 to 10 % w/v	56-81-5
		Oligonucleotides	< 0.1% w/v	N/A
		Tris HCl	< 1.0% w/v	1185-53-1
		EDTA	1 to 10% w/v	60-00-4
		Tris Base	1 to 10 % w/v	77-86-1
2 MOL9102	FLU Mix 2	MgCl ₂	< 0.1% w/v	7786-30-3
		dNTPs	< 0.1% w/v	N/A
		DNA Polymerase	< 0.1% w/v	N/A
		Glycerol	1 to 10 % w/v	56-81-5
		Oligonucleotides	< 0.1% w/v	N/A
		Tris HCl	< 1.0% w/v	1185-53-1
		EDTA	< 0.1% w/v	60-00-4
3 MOL9103	RT Mix	Reverse Transcriptase Enzyme	N/A	N/A
4 MOL9104	Positive Control H1N1	Inactivated Virus	N/A	N/A
		Amphotericin B	< 0.1% w/v	N/A
		HBSS Modified	< 0.1% w/v	N/A


4,4 - 31,4% is bekend

2,5 - 11,5% is bekend

0% is bekend

70,2% is bekend

Een chemische stof zonder CAS-no -
Eenics-no of Vn-no is een wettelijk
verboden chemische stof in de
arbeidsomstandigheden wet

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3.0 HAZARDS IDENTIFICATION

The H1N1 virus in the positive control has been inactivated, however should be considered potentially infectious and handled accordingly.

FLU Mix 1 and FLU Mix 2 contain 1 to 10% glycerol and EDTA which may cause irritation upon inhalation or skin contact. Upon inhalation or contact, first aid measures should be taken.

The other kit ingredients are either non-hazardous or are at low levels and are presumed non-hazardous (level <1%).

4.0 FIRST AID MEASURES

Eyes: Flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating eyelids with fingers. Call a physician.

Skin: Wash thoroughly with soap and water. Remove contaminated clothing and shoes.

Ingestion: Flush mouth if person is conscious. Call a physician.


Inhalation: Remove to fresh air. If breathing becomes difficult, call a physician.

5.0 FIRE-FIGHTING MEASURES

Use extinguishing media appropriate for surrounding fire. No special equipment or procedure is required.

6.0 ACCIDENTAL RELEASE MEASURES

Wear appropriate protective equipment. Absorb with absorbent paper. Clean spill area with soap and water and then disinfect. Dispose of materials according to local and national laws.

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7.0 HANDLING & STORAGE

Handling: Do not eat, drink, smoke or apply cosmetics in laboratory areas. Do not mouth pipette reagents or samples. Avoid splashing and forming aerosols. Use reagents according to the product insert. Avoid extreme temperatures during transport.

Storage: Store all components as directed in the package insert.

8.0 EXPOSURE CONTROLS, PERSONNEL PROTECTION

Wear appropriate personal protective equipment when working with components or samples, including laboratory coats, disposable gloves and eye protection. Avoid hand and mouth contact. Wash hands as soon as possible after handling components or samples.

9.0 PHYSICAL & CHEMICAL PROPERTIES

Physical data is not available.

10.0 STABILITY & REACTIVITY

The components are stable at the temperatures indicated in the package insert.

11.0 TOXICOLOGICAL INFORMATION


Not available.

12.0 ECOLOGICAL INFORMATION

Not available.

13.0 DISPOSAL CONSIDERATIONS

Dispose of according to local and national laws.

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14.0 TRANSPORT INFORMATION

Proper Shipping Name: In Vitro Diagnostic Reagents

Hazard Class and Number: None

15.0 REGULATORY INFORMATION

There are no known health hazards present in concentrations > 1% in these components. There are no known carcinogens present in concentrations > 0.1% in these components.

16.0 OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Focus Diagnostics shall not be held liable for any damage resulting from handling or from contact with the kits or components.

END OF DOCUMENT