

Doc Name:	Material Safety Data Sheet (MSDS) for 2X SYBR Green PCR Mix		
Doc No.	MSDS/HL/62	Ver No:00	Effective from: 02/11/23

1	Company	HLSS Manufacturing Pvt Ltd		
-	identification Plot No's M14, M15, M16, TSIIC Medical device park			
	lucitimeación	Sulthanpur villiage, Ameenpur Mandal, Sangareddy Dist, TS-502319		
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		http://www.huwellifesciences.	<u>.in</u>	
2	Product			
	identification			
2.1	Name of the Product	: 2X SYBR Green PCR Mix		
2.2	Product Code	: HL - SYPCM		
2.3	Pack size (No. of	: 1.3ml		
	rxns)			
2.4	Intended use:		eady to use a concentrated mix with the	
		5	me Polymerase chain reactions. The mix	
			merase, buffer, dNTPs, and SYBRGreen	
		-	escent SYBRGreen reagent binds to the	
		growing strand of DNA and i	s proportional to the polymerization. The	
		quantity of double- stranded	DNA formed can be correlated with the	
		amount of SYBR Green interca	lation in DNA, hence it helps in quantitative	
		experiments. The mix content	s do not interfere with the Polymerization,	
		therefore can be safely used for	or the detection of dsDNA as and when it is	
		formed. SYBRGreen dye is ser	nsitive to light and therefore should not be	
		exposed to light for a long peri	iod.	
2.5	Composition/	The product contains 2X SYBR	Green PCR Mix	
	Information on			
	reagents:	Note : This product is for research use only. This product must be used		
	reagents.	by scientists/ laboratory techn	icians with strong knowledge on molecular	
		biology as per Good Labora	tory practice (GLP) and product insert/	
		instruction manual.		
3	Hazards		not anticipated from routine use of this kit	
	identification	when following the precautions listed within this MSDS and the kit		
			of the components listed within this kit are	
		considered hazardous as defir	ned by the Occupational Safety and Health	
		Administration (OSHA).		
		OSHA Hazards	: No Known OSHA Hazards	
		Inhalation	: No information available.	
		Ingestion	: May be harmful.	
		Skin Contact	: No information available.	

Caution

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			Eye Contact	: May caus	se irritation.		
4	First-	Aid Measures	For all incidents, a medical exam is o				
			Inhalation : Move to fresh air area.				
			Ingestion: Rinse mouth, seek medical advice if immediate vomitingSkin Contact: Wash copiously with water and soap.				
					and seek medical advice		
5	Fire-f	fighting	Extinguishing media: Use any mean suitable to extinguish the				
	Meas	ures	surrounding fire				
			CAUTION: Use of water spray when f	ighting fire m	ay be inefficient.		
			Un-extinguishing media : No information available				
			Special hazards of product: No information available				
			Protective equipment For fire fighting: Carry an autonomous respiratory				
6	Accid	ontal release	protection apparatus and appropriate protection clothesIndividual Precaution: Use an individual protection equipment				
0	6 Accidental release Measures		Environmental Precaution: If incident, let flow run copiously				
	i icusui cs		Method of cleaning: Clean with an inert absorbent				
7	Hand stora	ling and ge	No specific recommendation is a condition, Observe all conditions des labels. As with all chemical and bio components within this kit spilled on or drink while using this kit. This kit clinical or laboratory employees train familiar with the potential hazards. when handling and working with this	scribed in the ological substa o you or into y t should be h ned on the us Universal pro	user manual and on the ances, avoid getting the your body. Do not eat andled only by qualified we of this kit and who are		
8	Exposure controls						
8.1	Expos	ure limits	: No information available				
9	Perso	onnel	Respiratory protection : No informa	tion available	2		
	Protection		Hands protection: Wear water-proof gloves				
			Eyes protection : Use chemical safety goggles				
			Skin protection : Wear lab coat				
			Hygiene measures: Follow good labo Instructions	oratory hygier	ne practices and security		
10	Physi	ical and					
	Chem						
	prope	erties					
10.1	Physic	cal state	: Liquid				
			Chemical, physical, and toxicological	l properties h	ave not been thoroughly		
			investigated				

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Doc N	lo.	MSDS/HL/62	Ver N	10:00	Effective from: 02/11/23
11	Stabi react	lity and ivity	Stability: Stable under con Materials to avoid: No info		the Product insert
			Hazardous decomposition Products: No information available		
12		cological	Potential effects on health		
	infor	mation	Eyes	: No informatio	on available
			Skin	: No information	on available
			Inhalation	: No information	on available
			Ingestion	: No informatio	on available
			Special Effects		
			Carcinogen	: No informatio	on available
			Mutagen	: No informatio	on available
			Toxicity for reproduction	: No informatio	on available
			Sensitization	: No informatio	on available
13 Ecological		gical	Mobility	: No informatio	on available
	information		Persistence/degradation	: Intrinsically b	oiodegradable
			Bioaccumulation	: No informatio	-
			Aquatic Toxicity	: No informatio	on available
			Disposal Considerations & requirements : Dispose in accordance with		
			state and local regulations		
14 Transportation		sportation	The product is not dangerous. Follow IATA regulations		
		mation			
15	Regu	latory	No information available		
	infor	mation			
16	Othe	r Information	HLSS Manufacturing Pvt Ltd assumes no liability for damages resulting from handling or being in contact with this product. Customer is solely		
			responsible for improper usage of this product other than for wha product is designed to use. The kit and its components may pr		
	ur		unknown hazards and should be used with caution. Improper use and/or		
			inappropriate combination with other products and substances may		
			produce harmful results.		,
			-End-		

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