

Doc Name:	Material Safety Data Sheet (MSDS) for Welscript™ In vitro transcription kit		
Doc No.	MSDS/HL/040	Ver No:00	Effective from: 01/11/23

1	Company identification	HLSS Manufacturing Pvt Ltd Plot No's M14, M15, M16, TSIIC Medical device park Sulthanpur villiage, Ameenpur Mandal, Sangareddy Dist, TS-502319 Emergency Contact Tel: +91-08413-232256/ +91 9052226226 Email: info@huwellifesciences.com http://www.huwellifesciences.in		
2	Product identification			
2.1	Name of the Product	Welscript™ In vitro transcription kit		
2.2	Product Code	: WS-IVT-25, WS-IVT-50		
2.3	Pack size (No. of rxns)	: 25 rxn, 50 rxn		
2.4	Intended use:	Welscript™ In vitro transcription kit consists of T7 RNA polymerase enzyme and all the supporting reagents necessary for In vitro transcription. The enzyme is capable of making at least 100 times of RNA compared to that of the starting amount of DNA. The final product yield depends upon the size of the DNA, quality and the amount of the initial template. T7 RNA polymerase enzyme provided in the kit is highly specific for DNA templates from different sources containing T7 promoter.		
2.5	Composition/ Information on reagents:	The product contains general buffer, rNTP's, T7 RNA Polymerase and DNase enzyme and DTT with non-hazardous properties. Note: This product is for Research Use only. This product must be used by scientists/ laboratory technicians with strong knowledge on molecular biology as per Good Laboratory practice (GLP) and product insert/ instruction manual.		
3	Hazards identification	Significant health effects are not anticipated from routine use of this kit when following the precautions listed within this MSDS and the kit specific package insert. None of the components listed within this kit are considered hazardous as defined by the Occupational Safety and Health Administration (OSHA). OSHA Hazards Inhalation Ingestion Skin Contact Eye Contact Significant network are not anticipated from routine use of this kit are within this MSDS and the kit specific package insert. None of the components listed within this MSDS and the kit specific package insert. None of the components listed within this MSDS and the kit specific package insert. None of the components listed within this MSDS and the kit specific package insert. None of the components listed within this MSDS and the kit specific package insert. None of the components listed within this MSDS and the kit specific package insert. None of the components listed within this MSDS and the kit specific package insert. No information available. Should be a supplied to the components listed within this MSDS and the kit specific package insert. No Known OSHA Hazards Inhalation No information available. No information available. No information available. Should be a supplied to the components listed within this MSDS and the kit specific package in the k		
4	First-Aid Measures	For all incidents, a medical exam is desirable Inhalation : No information available. Ingestion : May Induce immediate vomiting, seek medical advice		

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				ash copiously with water a sh eyes copiously with wa	l and soap. ater and seek medical advice
5	Fire-fig Measu	_	Extinguishing media: Use any mean suitable to extinguish the surrounding fire Un-extinguishing media: No information available Special hazards of product: No information available Protective equipment For fire fighting: Carry an autonomous respiratory protection apparatus and appropriate protection clothes		
6	Accidental release Measures		Individual Precaution: Use an individual protection equipment Environmental Precaution: If incident, let flow run copiously Method of cleaning: Clean with an inert absorbent		
7	Handling and storage		No specific recommendation is requested. Always store in frozen condition, Observe all conditions described in the user manual and on the labels. As with all chemical and biological substances, avoid getting the components within this kit spilled on you or into your body. Do not eat or drink while using this kit. This kit should be handled only by qualified clinical or laboratory employees trained on the use of this kit and who are familiar with the potential hazards. Universal precautions to be followed when handling and working with this kit.		
8	Exposure controls				
8.1	Exposu	re limits	: No information available		
9	Person Protec		Respiratory protection : No information available Hands protection: Wear water-proof gloves Eyes protection: Use chemical safety goggles Skin protection: Wear lab coat Hygiene measures: Follow good laboratory hygiene practices and security Instructions		
10	Physic Chemic proper	cal			
10.1	Physica		: Liquid Chemical, physical, and toxicological properties have not been thoroughly investigated		
11	Stabilit reactiv	-	Stability: Stable under conditions described in the Product insert Materials to avoid: No information available Hazardous decomposition Products: No information available		
12	Toxico inform	_	Potential effects on h Eyes Skin Inhalation Ingestion		on available on available on available

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13	Ecological information	Special Effects Carcinogen Mutagen Toxicity for reproductio Sensitization Mobility Persistence/degradation Bioaccumulation Aquatic Toxicity Disposal Considerations state and local regulation	: No infor n : No infor : No infor : No infor : Intrinsic : No infor : No infor : No infor	mation available mation available mation available mation available mation available mation available cally biodegradable mation available mation available mation available bispose in accordance with	
14	5			A regulations	
15					
16	Other Inform	from handling or being responsible for improp product is designed to unknown hazards and inappropriate combina	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 what this product is designed to use. The kit and its components may present unknown hazards and should be used with caution. Improper use and/or inappropriate combination with other products and substances may produce harmful results.		
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