

Doc Name:	Material Safety Data Sheet (MSDS) for Quantiplus® JAK-2 (V617F) Mutation Detection Real-Time PCR Kit		
Doc No.	MSDS/HL/012	Ver No:00	Effective from: 1/11/23

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	ncep.//www.nawe.mess.cnees.m		
	identification			
2.1	Name of the Product	: Quantiplus® JAK-2 (V617F) Mutation Detection Real-Time PCR Kit		
2.2	Product Code	: QL-JAK-25 QL-JAK-50 QL-JAK-100		
2.3	Pack size (No. of rxns)	: 25 Tests, 50 Tests, 100 Tests		
2.4	Intended use:	Quantiplus [®] JAK-2 (V617F) Mutation Detection Real-Time PCR Kit is used to detect specific V617F mutation of JAK-2 in blood and bone marrow using Real-Time qualitative PCR. The kit detects JAK-2G1849T (V617F) mutation in genomic DNA from subjects with suspected myeloproliferative neoplasm. The kit contains Amplification mix with specific Primers and Probes, Positive Control, and Negative Control.		
2.5	Composition/ Information on reagents:	The product contains general buffer, dNTP's, readymix containing amplification mix with primer and probes and MgCl ₂ with non-hazardous properties. Note: This product must be used for Invitro Diagnostic 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 considered within this MSDS and the kit specific package insert. No information available. No Known OSHA Hazards No information available. No information available. May be harmful. Skin Contact May cause irritation.		
4	First-Aid Measures	For all incidents, a medical exam is desirable Inhalation : No information available. Ingestion : May Induce immediate vomiting, seek medical advice Skin Contact : Wash copiously with water and soap. Eye Contact : Flush eyes copiously with water and seek medical advice		

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5	Fire-fighting Measures	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	Individual Precaution: Use an individual protection equipment	
	Measures	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	Exposure limits	: No information available	
9	Personnel	Respiratory protection : No information available	
	Protection	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	Physical and		
	Chemical		
	properties		
10.1	Physical state	: Liquid Chemical, physical, and toxicological properties have not been thoroughly investigated	
11	Stability and	Stability: Stable under conditions described in the Product insert	
	reactivity	Materials to avoid: No information available	
		Hazardous decomposition Products: No information available	
12	Toxicological	Potential effects on health	
	information	Eyes	: No information available
		Skin	: No information available
		Inhalation	: No information available
		Ingestion	: No information available
		Consider Effects	
		Special Effects	

Caution

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		Mutagen	: No information available	
		Toxicity for reproduction	: No information available	
		Sensitization	: No information available	
13	Ecological	Mobility	: No information available	
	information	Persistence/degradation	: Intrinsically biodegradable	
		Bioaccumulation	: No information available	
		Aquatic Toxicity	: No information available	
		Disposal Considerations & requirements : Dispose in accordance with		
		state and local regulations		
14	Transportation	The product is not dangerous. Follow IATA regulations		
	information			
15	Regulatory	No information available		
	information			
16	Other 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 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.		
-End-				