Coral Clinical Systems
A Division of Tulip Diagnostics (P) Ltd.
Verna, Goa – 403 722, INDIA

Safety Data Sheet

1. INFORMATION ON THE SUBSTANCE / PREPARATION AND COMPANY

1.1 Product Name : **Iron Kit (Ferrozine Method)**

Kit	Catalog No.	Components
Iron Kit (Ferrozine Method)	1103080035/1103080150/1103081035/ 1103081000/1106310075/1116550075	**Iron Reagents** L1-Iron Buffer Reagent L2-Iron colour Reagent S - Iron standard

1.2 Intended Use : For the determination of Iron in serum.

1.3 Company : **Coral Clinical Systems**
(A Division of Tulip Diagnostics (Pvt) Ltd.)
Plot No. M-46 & M-47, Building E,
Phase III B, Verna Industrial Estate,
Verna-Goa, 403722
Tel :- +91-832-6680121
Fax :- +91-832-2887028
E-mail :- coral@tulipgroup.com

1.4 In emergencies : Call your local emergency center.

2. Composition / Information on Hazardous Ingredients

Chemical Name	CAS #	% W/V	Exposure Limits in Air				
			ACGIH		OSHA		OTHER
			TLV	STEL	PEL	STEL	
NA	NA	NA	NA	NA	NA	NA	NA

Reagent 1: **No Hazardous components**

Reagent 2: **No Hazardous components**

Standard : **No Hazardous components**

3. Hazard Identification

According to 1999/45/EC, the preparation is classified as non hazardous substance or mixture.

Other Information
The reagents do not contain materials from animal origin

4.First Aid Measures

Inhalation:
If breathing becomes difficult, remove victim to fresh air. Seek medical attention immediately.

Ingestion:
Get medical attention if there has been ingestion of this product.

Skin Contact:
N / A

Eye Contact:
Although no adverse health reactions are expected from the normal use of this product. It is recommended flush eyes with water and seek medical advice whenever there has been a potential injury to the eye.

5. Fire Fighting Measures

Flash Point (Method used): NA **Flammable Limits – LEL:** NA **UEL:** NA

Extinguishing Media:
Use fire-extinguishing media appropriate for site conditions.

Special Fire Procedures:
Structural firefighting gear and self-contained breathing apparatus will provide adequate protection if this product is in a fire area.

Unusual Fire and Explosion Hazards:
NA

6. Accidental Release Measures

Steps to be taken in case material is Released or Spilled:
Use an absorbent material to contain / pick up the spilled solution. Place all contaminated disposable into a suitable container, seal, label, and hold for disposal.

7. Handling and Storage

Store at 2 – 8 ^{o}C. Refer to packet insert for additional information on handling and storage procedures.

8.Exposure Controls and Personal Protection

Ventilation Data:
Supplemental ventilation is not required for the normal use of this product.

Respiratory Protection:
Respiratory protection is not required under normal use of this product. If respiratory protection is needed, follow OSHA respirator regulations (29CFR1910.134) and, if necessary, wear a NIOSH approved respirator. Select respirator based on its suitability to provide worker protection for given working conditions, level of airborne concentration, and presence of sufficient oxygen.

Protective Gloves:
Although chemical protective gloves are not required under the normal use of this product. It is always good lab protocol to use appropriate protective gloves.

Other Protective Equipment:
Use body protection appropriate for task, such as a lab coat. Wear appropriate eye protection to prevent eye contact.

Other Engineering Controls:
Eye wash stations and deluge showers.

Work Practices:
Good laboratory technique should be used when handling this product. Observe appropriate chemical hygiene. Avoid contact with eyes or skin. Do not place in mouth.

Hygienic Practices:
Do not eat, drink, or smoke while working with product. Upon completion of work activities involving this product, wash hands thoroughly with soap and water.

9.Physical And Chemical Properties

L1-Iron Buffer Reagent

Relative Vapour density(air = 1)	: NA	Evaporation rate(nBuAc = 1):	NA
Specific Gravity (water = 1)	: NA	Freezing / Melting Point	: NA
Solubility in Water	: Soluble	Boiling Point	: NA
Vapour Pressure, mm Hg @ 20^0C:	NA	pH	: 4.0± 0.05

L2-Iron colour Reagent

Relative Vapour density(air = 1)	: NA	Evaporation rate(nBuAc = 1):	NA
Specific Gravity (water = 1)	: NA	Freezing / Melting Point	: NA
Solubility in Water	: Soluble	Boiling Point	: NA
Vapour Pressure, mm Hg @ 20^0C:	NA	pH	: NA

S - Iron standard

Relative Vapour density(air = 1)	: NA	Evaporation rate(nBuAc = 1):	NA
Specific Gravity (water = 1)	: NA	Freezing / Melting Point	: NA
Solubility in Water	: Soluble	Boiling Point	: NA
Vapour Pressure, mm Hg @ 20^0C:	NA	pH	: NA

Odour and Appearance Information
Reagent 1: Clear, colourless solution

Reagent 2: Clear, Yellowish solution

Reagent 3: White powder

10.Stability and Reactivity

Incompatibility (Materials to Avoid):
NA

Hazardous Decomposition Products:
NA

Will Hazardous Polymerization Occur?
Hazardous polymerization will not occur.

Conditions to Avoid / Polymerization:
NA

Is the Product Stable?
Yes, under normal handling and storage conditions.

Conditions to Avoid/stability
NA

11.Toxicological Information

Toxicity Data:
NA

Reproductive effects:
NA

Target organ Effects:
NA

Carcinogenicity: No

CHEMICAL NAME	CAS #	% W/V	NTP Carcinogen		IARC	OSHA
			Known	Anticipated		
NA	NA	NA	NA	NA	NA	NA

12.Ecological Information

Environmental Fate / Stability: NA

Effect of Material on plants or animals: NA

Effect of Chemical on Aquatic Life: NA

13.Disposal Considerations

EPA Waste Number and Proper Waste Disposal Method:
Please consult local, state and federal regulations for additional guidance on disposal.

14.Transportation Information

Is this Material Hazardous? Not regulated under transportation regulations.

Proper Shipping Name : NA		
Hazard Class Number : NA	Packing Group: NA	UN Number: NA

15.Regulatory Information NA.

16.Other Information

This product is designed for use by professionals.

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text. It remains the user's own responsibility to make sure that the information is appropriate and complete for his specific use of this product. The user is also responsible for observing any laws and applicable guidelines.

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