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Material Safety Data Sheet

1. Product Identification

Product Name : **Hemosafe SLS (Haemoglobin Diluting Reagent)**
Catalog Number : HS1000

2. Composition / Information on Hazardous Ingredients

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

Reagent 1: No Hazardous components >1% (0.1% carcinogen)

Reagent 2: N/A

Reagent 3: N/A

Reagent 4: N/A

Reagent 5: N/A

3. Hazard Identification

Primary Routes of Entry:

Inhalation, ingestion, skin and / or eye contact.

Inhalation:

No adverse health reactions are expected if inhalation occurs during the normal use of this product.

Ingestion:

No adverse health reactions are expected if ingestion occurs during the normal use of this product.

Skin Contact:

No adverse health reactions are expected if skin contact occurs during the normal use of this product.

Eye Contact:

May cause irritation.

Chronic Exposure:

N/A

Medical Conditions Aggravated by Exposure:

N/A

Health Effects:

This product does not present a physical hazard or health hazard under reasonably anticipated circumstances of use or under emergency situations involving a release of only this product. There is no evidence that the ingredient(s) which comprise less than 1 % (0.1% carcinogens) could be released from the mixture in concentrations which would exceed an OSHA PEL or ACGIH TLV, or could present a health risk. Therefore, this material is not defined as a “ Hazardous chemical” by the OSHA Hazard Communication Standard (29 CFR 1910.2000) or equivalent standards generated by state agencies.

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): N/A **Flammable Limits – LEL:** N/A **UEL:** N/A

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:

N/A

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 °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**For All Components Unless Otherwise Indicated**

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

Odour and Appearance Information

Reagent 1: N/A

Reagent 2: N/A

Reagent 3: N/A

Reagent 4: N/A

Reagent 5: N/A

10. Stability and Reactivity**Incompatibility (Materials to Avoid):**

N/A

Hazardous Decomposition Products:

N/A

Will Hazardous Polymerization Occur?

Hazardous polymerization will not occur.

Conditions to Avoid / Polymerization:

N/A

Is the Product Stable?

Yes, under normal handling and storage conditions.

Conditions to Avoid/stability

N/A

11. Toxicological Information

Toxicity Data:

N/A

Reproductive effects:

N/A

Target organ Effects:

N/A

Carcinogenicity: No

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

12. Ecological Information

Environmental Fate / Stability:

N/A

Effect of Material on plants or animals:

N/A

Effect of Chemical on Aquatic Life:

N/A

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 : N/A	Packing Group: N/A	UN Number: N/A
Hazard Class Number : N/A		

15. Regulatory Information

NA.

16. Other Information

NA => NOT APPLICABLE or NO INFORMATION