

Material Safety Data Sheet

STROMATOLYSER-IM (SIM-220A)

Health	Flammability	Reactivity	Contact
1	0	0	0

1 = Slight, 2 = Moderate, 3 = Severe, 4 = Extreme

24-HOUR EMERGENCY PHONE NUMBER

Contact CHEM-TEL at 1-800-255-3924

1. PRODUCT IDENTIFICATION

Sysmex STROMATOLYSER-IM™ is a lytic reagent for use with designated Sysmex Automated Hematology Analyzers. It is provided in a cardboard cube with 10-liter plastic liner.

2. HAZARDOUS INGREDIENTS

	Percent	CAS Number	DOT STATUS
Sodium hydroxide	0.03%	1310-73-2	1824 154 (solution)
Nonionic Surfactant*	2.4%	*	Non-hazardous
Anionic Surfactant*	0.15%	*	Non-hazardous
Amino Acid *	2.0%	*	Non-hazardous
Organic Buffer*	1.1%	*	Non-hazardous

*Exact chemical names are considered proprietary information.

- o Toxicity data for the pure compounds, no toxicity data available on this dilute solution
 - Amino Acid: Oral mouse LDLo 4 g/Kg
Oral rat TDLo 40 g/Kg - effects on fetus
 - Organic Buffer: Oral Quail LD₅₀ >316 mg/Kg
 - Nonionic Surfactant: Oral Rat LD₅₀ 70 g/Kg
- o OSHA Permissible Exposure Level (PEL): Not established for these chemicals.
- o Carcinogen Data: No data listed.

3. PHYSICAL DATA

Clear, odorless liquid, easily foamed. Specific gravity is 1.014. The exact physical properties of this solution have not been established; however, it is expected that its properties will be similar to water which is its major component.

4. FIRE AND EXPLOSION DATA

Not combustible. In fire conditions, may emit carbon monoxide and carbon dioxide.

5. REACTIVITY DATA

Stable solution, non-reactive.

6. TOXICOLOGICAL PROPERTIES

Limited toxicology data available. Mild irritant to skin, eyes, and if mist is generated, through inhalation. Ingestion may cause nausea, vomiting and diarrhea.

7. FIRST AID MEASURES

- o Ingestion: Obtain medical attention. Dilute by drinking 4 to 8 oz. of water or milk. If vomiting occurs, turn patient on side and keep head lower than hips.
- o Inhalation: Move patient to fresh air. Seek medical advice if necessary.
- o Skin contact: Remove contaminated clothing. Wash affected area with water.
- o Eye Contact: Promptly wash eyes with water, lifting lower and upper lids until all traces of irritation is removed. Seek medical advice if irritation persists.

8. PREVENTIVE MEASURES AND DISPOSAL PROCEDURES

Wear gloves, safety glasses or goggles and a lab coat. Dike, contain and absorb the spill with neutral absorbent material, place in a container for disposal. Dispose of waste in accordance with applicable local, state and federal environmental regulations.

9. STORAGE AND SPECIAL INFORMATION

Store at controlled room temperature not exceeding 30°C, to ensure reagent performance.

10. REGULATORY INFORMATION

International Inventory Status:

Ingredient	CAS #	EC	Japan	Australia	Korea	Canada: DSL	Canada: NDSL
Sodium hydroxide	1310-73-2	YES	NO	YES	NO	YES	NO
Nonionic Surfactant	*	YES	NO	YES	NO	YES	NO
Anionic Surfactant	*	YES	NO	YES	NO	YES	NO
Amino Acid	*	YES	NO	YES	NO	YES	NO
Organic Buffer	*	YES	NO	YES	NO	YES	NO

United States:

Ingredient	CAS #	OSHA	CAA	CWA	RCRA	SARA 302	SARA 313	TSCA
Sodium hydroxide	1310-73-2	YES	NO	NO	NO	NO	NO	YES
Nonionic Surfactant	*	YES	NO	NO	NO	NO	NO	YES
Anionic Surfactant	*	YES	NO	NO	NO	NO	NO	YES
Amino Acid	*	YES	NO	NO	NO	NO	NO	YES
Organic Buffer	*	YES	NO	NO	NO	NO	NO	YES

* Exact chemical names are considered proprietary information.

WHMIS (Canada):

HAZARDOUS INGREDIENTS – WHMIS (Canadian Workplace Hazardous Materials Information System) This product when tested as a whole is considered a controlled substance, Class E (corrosive) and Class D, Division 2, Subdivision B (skin and eye irritant, Toxic) within the meaning of the Hazardous Products Act.

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.

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