Teco Diagnostics

[SDS] **Infectious Mononucleosis (IM) Latex**

1268 N. Lakeview Ave. Anaheim, CA 92807 Phone: (714) 463-1111 Fax: (714) 463-1169 www.tecodiagnostics.com

Section 1 – Product and Company Information

Product Name **Catalog Number** **Product Type**	Infectious Mononucleosis IML-50 Clinical Chemistry Reagent	**Emergency Telephone No.** CHEMTREC (800) 424-9300 International CHEMTREC (703) 527-3887
Company Name **Street Address** **City, State, Zip Code, Country**	Teco Diagnostics 1268 N. Lakeview Avenue Anaheim, CA 92807 USA	**Company Telephone No.** (800) 222-9880 or (714) 693-7788 Monday - Friday 8:00-4:30 PST Fax No. (714) 693-3838
Recommended Use: For *in vitro* diagnostic use only. For professional use only.		
Restrictions on Use: Not for *in vivo use.*		

Section 2 – Hazard(s) Identification

Classification

Component	Classification
Infectious Mononucleosis Latex	This material is not classified as hazardous according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and UN GHS.
Infectious Mononucleosis Positive Control	This material is not classified as hazardous according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and UN GHS.
Infectious Mononucleosis Negative Control Sodium Hydroxide	This material is classified as hazardous according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and UN GHS. Corrosive to metals (Category 1), H290, Skin corrosion (Category 1A), H314, Serious eye damage (category 1), H318, Acute aquatic toxicity (category 3), H402

Hazardous Component

Component	GHS Label elements, including precautionary statements	
Sodium Hydroxide (Infectious Mononucleosis Negative Control)	Pictogram Hazard Symbol	
	Signal Word	Danger
	Hazard Statements	H290 May be corrosive to metals. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H402 Harmful to aquatic life.
	Precautionary Statements	P234 Keep only in original container. P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. P264 Wash skin thoroughly after handling. P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P301 + P310 + P330 IF SWALLOWED: Immediately call a POISON CENTER/doctor. Rinse mouth. P303 + P361 + P353 IF ON SKIN (OR HAIR): take off immediately all contaminated clothing. rinse skin with water/shower. P304 + P340 + P310 IF INHALED: remove person to fresh air and keep comfortable for breathing. immediately call a poison center or doctor/ physician. P305 + P351 + P338 + P310 IF IN EYES: rinse cautiously with water for several minutes. remove contact lenses, if present and easy to do. continue rinsing. immediately call a poison center or doctor/ physician. P363 Wash contaminated clothing before reuse. P390 Absorb spillage to prevent material damage. P405 Store locked up. P406 Store in corrosive resistant stainless steel container with a resistant inner liner. P501 Dispose of contents/ container to an approved waste disposal plant.
Hazards not Otherwise classified (HNOC)	None.	

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Section 3 – Composition/Information on Ingredients

Component	Type	Chemical Concentration or % (Based on dried weight at time of impregnation)	CAS#
Infectious Mononucleosis Negative Control	Mixture	10% Sodium Hydroxide	1310-73-2

Section 4 – First Aid Measures

General Advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
Ingestion	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Skin Contact	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

Section 5 – Fire-fighting Measures

Extinguishing Media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific Hazards
No data available.

Special protective equipment and advice for fire-fighters
Wear self-contained breathing apparatus for firefighting if necessary.

Section 6 – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Avoid breathing dust. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
For personal protection see section 8.

Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up
Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

Section 7 – Handling and Storage

Handling
Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge.

Storage
Store at 2-8ºC in the original container and protect from sunlight. Keep container tightly closed when not in use.

Section 8 – Exposure Controls / Personal Protection

Components with workplace control parameters

Chemical Name	Value	Control Parameter	Basis
Sodium Hydroxide CAS# 1310-73-2	TWA	2.000000 mg/m^3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
	C	2.000000 mg/m^3	USA. ACGIH Threshold Limit Values (TLV). Remarks: Upper Respiratory Tract irritation, Eye Irritation, Skin Irritation
	C	2 mg/m^3	USA. ACGIH Threshold Limit Values (TLV) Remarks: Upper Respiratory Tract irritation, Eye Irritation, Skin Irritation
	C	2.000000 mg/m^3	USA. NIOSH Recommended Exposure Limits.

Engineering Controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal Protective Equipment

Respiratory Protection	Respiratory protective equipment is not required where adequately ventilated.
Hand Protection	Wear chemical-resistant, impervious gloves
Eye Protection	Safety glasses with side shields recommended.
Protective Clothing	Wear a lab coat.
Other protective equipment	Ensure the eyewash station and/or safety shower/wash is located near the work area.

General Hygiene Measures

Handle in accordance with good industrial hygiene practice. After handling the product, remove gloves using proper glove removal technique (without touching outer surface of glove), and dispose gloves according to applicable laws and good laboratory practices. Wash hands thoroughly. Also wash hands before eating, smoking, using the lavatory, and at end of the work period.

Section 9 – Physical and Chemical Properties

Appearance	Infectious Mononucleosis Latex: White milky liquid Infectious Mononucleosis Positive Control: Clear liquid Infectious Mononucleosis Negative Control: Clear liquid
Odor	N/A
Odor threshold	N/A
pH	N/A
Melting point / freezing point	N/A
Initial boiling point and boiling range	N/A
Flash point	N/A
Evaporation rate	N/A
Flammability	N/A
Upper/lower flammability or explosion limits	N/A
Vapor pressure	N/A
Vapor density	N/A
Relative density	N/A
Solubility	N/A
Partition coefficient: n-octanol/water	N/A
Auto-ignition Temperature	N/A
Decomposition Temperature	N/A
Viscosity	N/A

Section 10 – Stability and Reactivity.

Reactivity	Reacts with serum
Chemical stability	Stable under recommended storage conditions as indicated in section 7.
Possibility of hazardous reactions	No data available
Conditions to avoid	No data available
Incompatible materials	Strong oxidizing agents, Strong reducing agents, Organic materials
Hazardous decomposition products	Hazardous decomposition products formed under fire conditions. – No data available

Section 11 – Toxicological Information

Route of Entry/Exposure	Skin contact, eye contact
Effects of acute exposure	
Skin contact	May cause irritation.
Eye contact	May cause irritation.
Ingestion	May be harmful if ingested. May irritate mucous membranes and upper respiratory tract.
Inhalation	May cause irritation to mucous membranes and upper respiratory tract.
Effects of chronic exposure	No information available

Toxicity:

Component	Chemical	Acute Toxicity	Chronic Toxicity	Other Information
Infectious Mononucleosis	Sodium Hydroxide	No data available	No information	RTECS: WB4900000 Material is extremely destructive to tissue of the mucous

Negative Control			available	membranes and upper respiratory tract, eyes, and skin. to the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Carcinogenicity

IARC	No component present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.
ACGIH	No component present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP	No component present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by NTP.
OSHA	No component present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

Section 12 – Ecological Information

Ecotoxicity

Component	Chemical	Toxicity to fish mortality	Toxicity to daphnia and other aquatic invertebrates
Infectious Mononucleosis Negative Control	Sodium Hydroxide	LC50 - Gambusia affinis (mosquito fish) - 125 mg/l - 96 h LC50 - Oncorhynchus mykiss (rainbow trout) - 45.4 mg/l - 96 h	EC50 - Daphnia magna (Water flea) - 40.38 mg/l - 48 h

Persistence and degradability
No information available

Bio-accumulative potential
No information available

Mobility in soil
No information available

Other adverse effects
No information available

Water hazard class
No information available

Section 13 – Disposal Considerations

Waste residues and methods of disposal
This product has to be disposed in accordance with applicable regional, national and local laws and regulations. Surplus and non-recyclable components should be taken to a licensed waste disposal contractor for disposal.

Contaminated Packaging
Waste packaging should be recycled; however, since empty containers may retain some product residues, they should be taken to an approved waste handling site or given to a licensed waste disposal contractor for recycling or disposal, if recycling is not possible.

Section 14 – Transport Information

Component: Infectious Mononucleosis Negative Control – Sodium Hydroxide

UN Number	1823
UN Proper shipping name	Sodium hydroxide, solid
Transport hazard class	8
Packing group	II
Environmental hazard	No information available
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable
DOT (USA)	UN number: 1823 Class: 8 Packing group: II Proper shipping name: Sodium hydroxide, solid Reportable Quantity (RQ): 1000 lbs Poison Inhalation Hazard: No
IMDG	None.
IATA	UN number: 1823 Class: 8 Packing group: II Proper shipping name: Sodium hydroxide, solid
Special precautions	None

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Section 15 – Regulatory Information

United States

HCS Classification Not regulated

U.S Federal Regulations

TSCA 8(a) CDR Exempt/Partial exemption: Not determined
United States inventory TSCA 8(b): Not determined
SARA 302: No components are subject to the reporting requirements of SARA Title III, section 302
SARA 304 Extremely Hazardous Substances Reportable Quantity: The product does not contain any components with a section 304 EHS RQ.
SARA 311/312 Hazards Identification: Not regulated
Clean Water Act (CWA) 307: This product does not contain any toxic pollutants listed under the U.S. Clean Water Act section 307.
Clean Water Act (CWA) 311: This product does not contain any hazardous substances listed under the U.S. Clean Water Act section 311.
Clean Air Act (CAA) 112 accidental release prevention: No products were found
Canada WHMIS: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

U.S. State Regulations	Component	CAS No.
Pennsylvania Right to Know:	Sodium Hydroxide	1310-73-2
New Jersey Right to Know:	Sodium Hydroxide	1310-73-2
California Prop. 65	This product does not contain any chemicals known to state of california to cause cancer, birth defects, or any other reproductive harm.	

Section 16 – Other Information

This product is labeled in accordance with CFR21 (Food and Drugs), Section 809.10.

The information contained herein has been compiled from data presented in various technical sources believed to be accurate.
We make no warranties, express or implied, and assume no liability in connection with the use of this information.
It is the user's responsibility to determine the suitability of this information and to assure the adoption of necessary safety precautions.

N/A = Not Applicable or Not Available

Date of SDS Preparation: 01/29/2019