



# SAFETY DATA SHEET

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## 1. IDENTIFICATION

This Safety Data Sheet is for the following products:

### MANUFACTURER:

**Immucor GTI Diagnostics, Inc.**

20925 Crossroads Circle

Waukesha, WI 53186 USA

**Manufacturer's Phone:** 855-IMMUCOR  
(855-466-8267)

After normal business hours, weekends, and holidays:

Call your local emergency center.

Catalog #	PRODUCT NAME	Quantity
628222	LIFECODES Serum Cleaner	100µL

**SPECIFIC USE:** For Laboratory testing. Please see the the product information sheet for more details

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture:

**LIFECODES Serum Cleaner**

Contains 0.1% Sodium Azide

### 2.2 Label Elements:

Acute Toxicity, Oral (Category 4). H302

#### Label Elements



GHS07

Signal word (GHS)

Warning

Hazard statements (GHS):

H302 - Harmful if swallowed

Precautionary statements(GHS):

P264 Wash hands thoroughly after handling

P270 Do not eat, drink or smoke when using this product

P281 Use personal protective equipment as required

P301+ P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### INGREDIENTS

### CAS NUMBER

### CONCENTRATION

### CLASSIFICATION

#### LIFECODES Serum Cleaner

Sodium Azide

26628-22-8

0.1%

Acute Tox. Oral ; CAT 2 ; H300  
Acute Aquatic Tox ; CAT 1 ; H400  
Chronic Aquatic Tox ; CAT 1 ; H410

## 4. FIRST AID MEASURES

**Inhalation:** Remove to fresh air. If not breathing, Unconscious: maintain adequate airway and respiration. Consult a doctor/medical service if breathing problems develop.



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**Ingestion:** DO NOT induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person. Give nothing (little) to drink. Get medical attention immediately.

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Do not apply neutralizing agents. Get medical attention immediately.

**Skin Contact:** Wipe off affected area and flush with plenty of soap and water for 15 minutes. Remove contaminated clothing and shoes. Seek medical attention. Wash clothing and shoes thoroughly before reuse.

### 5. FIRE-FIGHTING MEASURES

**Flash Point:** N/A

**Autoignition Temperature:** N/A

**Fire and Explosion Hazards:** N/A

**Extinguishing Media:** Use appropriate extinguishing media for surrounding fire: dry chemical, carbon dioxide, water spray or regular foam.

**Special Fire Fighting Procedures:** Wear appropriate personal protective equipment. Fight fires only if properly trained. Move containers from fire area if it can be accomplished without risk. Use water to keep containers cool. Dike fire control water.

**Unusual Fire and Explosion Hazards:** Avoid breathing vapors or dusts. Keep upwind.

**Hazardous Decomposition Products:** Not determined.

### 6. ACCIDENTAL RELEASE MEASURES

**Action to Be Taken If Material Is Released or Spilled:** Do not touch spilled material. Stop the release if you can do it without risk. Isolate the area and deny entry. Absorb the spill and place used absorbent material into approved containers for later disposal. Decontaminate the area with an approved disinfectant. Cover the area with paper towels and pour disinfectant over the area. Wipe the area until clean and dry. Discharge of absorbed material according to local regulations, Wash clothing and equipment after handling

### 7. HANDLING AND STORAGE

**Handling:** Food and drink should not be consumed, nor tobacco products used, nor cosmetics applied in areas where chemicals are stored or handled. Observe normal hygiene standards. Discharge according to local regulations. Remove and clean contaminated clothing. Handle and open the container with care.

**Storage:** Store in tightly closed containers. Keep container tightly closed. Meet the legal requirements. Keep away from: heat sources, combustible materials, acids, and metals. Storage temperature: see component label. Avoid contact with open wounds and body fluids. Observe federal, state and local regulations.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below permissible air concentrations.

**Eye/Face Protection:** Use chemical safety goggles and/or full face shield where splashing of the solution is possible. Maintain eyewash fountain and quick drench facilities in the work area.

**Skin Protection:** Clothing such as gowns, aprons, or lab coats should be worn when working with this material. Protective gloves should be worn while handling materials and/or surfaces, which are potentially infectious.

**Respiratory Protection:** A NIOSH/MSHA approved respirator should be worn where airborne exposures may exceed OSHA/ACGIH exposure limits.

**Other/General Protection:** Hood, surgical caps, boots and shoe covers should be worn in areas with significant quantities of infectious materials.

Chemical/Component	TLV/NIOSH REL	OSHA PEL
Sodium Azide (as NaN <sub>3</sub> )	0.3 mg/m <sup>3</sup> ACGIH TLV-CL	Not listed
Sodium Azide (as HN <sub>3</sub> )	0.1 ppm	Not listed

Information in above table from NIOSH Pocket Guide to Chemical Hazards, 2010



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### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance (physical state, color, etc.):</b>	Opaque to Cloudy Liquid	<b>Odor:</b>	No data available
<b>Odor threshold:</b>	No data available	<b>pH:</b>	6.1-6.3
<b>Melting point/freezing point:</b>	No data available	<b>Initial boiling point and boiling range:</b>	No data available
<b>Flash point:</b>	No data available	<b>Evaporation rate:</b>	No data available
<b>Flammability (solid, gas):</b>	No data available	<b>Vapor density:</b>	No data available
<b>vapor pressure:</b>	No data available	<b>Solubility(ies):</b>	No data available
<b>Relative density:</b>	No data available	<b>Partition coefficient: n-octanol/water:</b>	No data available
<b>Partition coefficient: n-octanol/water:</b>	No data available	<b>Upper/lower flammability or explosive limits:</b>	No data available
<b>Decomposition temperature:</b>	No data available		

### 10. STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable
<b>Conditions to Avoid:</b>	Keep away from metals and acids
<b>Incompatibility:</b>	Halogenated hydrocarbon, Metals, Acids, Acid chlorides
<b>Hazardous Decomposition Products:</b>	No hazardous decomposition products are formed in high quantities
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Possibility of Hazardous Reaction:</b>	Not determined.

### 11. TOXICOLOGICAL INFORMATION

**Acute Effects:** Harmful if swallowed. This product is manufactured from human blood and therefore must be considered to be capable of transmitting disease. The substance irritates the eyes, the skin and the respiratory tract. Exposure above Occupational Exposure Limits could cause effects on the nervous system.

**Chronic Effects:** No information found.

**Listed Carcinogens:** Not classified

### 12. ECOLOGICAL INFORMATION

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Prevent soil and water pollution. Discharge according to local regulations

#### Aquatic toxicity

Sodium azide: -LC50 (96h):	0.8 mg/l (SALMO GAIIRDNERI/ONCORHYNCHUS MYKISS)
-LC50 (96h):	0.7 mg/l (LEPOMIS MACROCHIRUS)
-LC50 (96h):	9 mg/l (GAMMARUS SP.)

#### Other information

-WGK:1 (Classification based on the components as per Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 17 May 1999)	
-Effect on the ozone layer:	Not dangerous for the ozone layer (1999/45/EC)
-Greenhouse effect:	No data available
-Effect on waster water purification:	No data available

### 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with applicable federal, state, and local government regulations. Waste generators must determine whether a discarded material is classified as a hazardous waste. USEPA guidelines for the classification determination are listed in 40 CFR parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. Patient samples and LIFECODES Serum Cleaner are potentially infectious. They should be disposed of following established safety procedures and local regulations. All the kit components must be considered as hazardous waste. They should be disposed of following local regulations. Sodium azide reacts with lead and copper plumbing forming highly explosive metal azides.



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### 14. TRANSPORT INFORMATION

UN ID Number: N/A      Transport Hazard Class: N/A  
DOT Proper Shipping Name: N/A      Packaging Group: N/A

### 15. REGULATORY INFORMATION

**TSCA:** All components of this product are listed on the TSCA inventory.

**SARA Title III: Section 302:** None

**CERCLA Reportable Quantity:** None

**Section 312:** None

**Clean Air Amendments-Hazardous Air Pollutant (HAPS):** None

**Section 313:** None

**California State Proposition 65:** None.

**CANADA:** These products have been classified in accordance with the hazard criteria of the Controlled Products Regulations and this SDS contains all information required by the Controlled Products Regulations.

### 16. OTHER INFORMATION

List of relevant hazard statements mentioned in section 3.

H300 Fatal if swallowed  
H400 Very toxic to aquatic life  
H410 Very toxic to aquatic life with long lasting effects

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Based on Regulation 1907/2006 (REACH)

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