

SAFETY DATA SHEET

1. IDENTIFICATION

This Safety Data Sheet is for the following products.

Product Name	Product Code	Size
Anti-Fy ^a (Murine Monoclonal)(Recombinant)	2102	5mL
Anti-Fy ^b (Murine Monoclonal)(Recombinant)	2702	5mL

Intended Use: These products are blood grouping reagents and are intended to be used in the detection and identification of certain properties of cell components of human blood prior to transfusion.

Manufacturer:

Siwa Biotech Corp.

755 Research Parkway, Suite 125

Oklahoma City, OK 73104

Emergency Number: (405) 290-7641

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION

Acute Toxicity, Oral (Category 4), H302

Signal word: Warning

Hazard Statement(s):

H302 - Harmful if swallowed.

Precautionary Statement(s):

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

P264 - Wash hands thoroughly after handling.

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

P281 - Use personal protective equipment as required.

Hazardous Material Identification System (HMIS III)	
HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B



GHS07

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	Concentration
Sodium Azide	26628-22-8	0.1%

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. IF not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion: DO NOT induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. 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 use.

Medical Conditions Possibly Aggravated: None known.

5. FIRE FIGHTING MEASURES

Flash Point: N/A

Auto-Ignition 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

Actions to Be Taken: Remove all sources of ignition. 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.

7. HANDLING AND STORAGE

Handling: Do not consume food and drink, use tobacco products, or apply cosmetics in areas where chemicals are stored or handled.

Storage: Store away from incompatible substances. Store in tightly closed containers. Avoid contact with open wounds and body fluids. Wash thoroughly after handling and before eating, drinking or smoking. Observe federal, state and local regulations.

8. EXPOSURE CONTROLS – PERSONAL PROTECTION

Engineering Controls: Provide sufficient 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: Wear protective clothing such as lab coats, aprons and protective gloves 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.

Components	CAS Number	Concentration	OSHA PEL-TWA	ACGIH TWA TLV	ACGIH STEL/CEIL
Sodium Azide	26628-22-8	0.1% (w/v)	N/A	N/A	C 0.1 ppm (as HN ₃) [skin] C 0.3 mg/m ³ (as NaN ₃) [skin]

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color	Colorless to light straw
Odor:	Odorless
pH:	5.9 – 6.3
Boiling point:	212°F
Flammability:	Not flammable
Vapor pressure:	Not determined
Relative density:	Not determined
Melting point/freezing point:	Not determined
Evaporation rate:	Not determined
Partition coefficient: n-octanol/water:	Not determined
Viscosity:	Not determined
Decomposition temperature:	Not determined

Vapor density:	N/A
Auto-ignition temperature:	N/A
Odor threshold:	N/A
Solubility in water:	N/A
Upper/lower flammability or explosive limits:	N/A
Flash point:	N/A

10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: None under normal conditions.

Hazardous polymerization: Hazardous polymerization does not occur.

Condition to avoid: Excessive heat.

Incompatible materials: Acids, metals, water [Note: Over a period of time, sodium azide may react with copper, lead, brass, or solder in plumbing systems to form an accumulation of the HIGHLY EXPLOSIVE compounds of lead azide & copper azide.]

Hazardous decomposition product: Sodium azide when heated to decomposition liberates nitrogen gas and sodium which is explosive.

11. TOXICOLOGICAL INFORMATION

No data available.

12. ECOLOGICAL INFORMATION

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. Environmental Protection Agency (EPA) guidelines for the classification determination are listed in 40 CFR § 261.3. Additionally, waste generators must consult state and local hazardous waste regulation to ensure complete and accurate classification.

14. TRANSPORT INFORMATION

DOT(US): Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

15. REGULATORY INFORMATION

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

CERCLA Reportable Quantity: None.

Clean Air Amendments – Hazardous Air Pollutant (HAPS): None.

California State Proposition 65: None.

SARA Title III: None.

16. OTHER INFORMATION

The packaging of these products (dropper bulb) may contain dry natural rubber.

DISCLAIMER: The information contained herein is based on data considered accurate and is offered at no charge. No warranty is expressed or implied regarding the accuracy of this data. Liability is expressly disclaimed for loss or injury arising out of use of this information or the use of any materials designated.

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