

1. Product and Company Identification

Product(s) Concentrated antibodies (MCXXXX, RMXXXX, RCXXXX)
 Prediluted antibodies (MCXXXXRTU7, RMXXXXRTU7, RCXXXXRTU7)
 Primary Antibody Diluent (DR0246)
 MedaFluo™ Autofluorescence Blocking Reagents (MBXXXX)
 MedaFluo™ Mounting Medium (MMXXXX)
 CISH HER2 Probe (IS0002)
 SSC Buffer (20X) (DR0260)

Related Product Kit MedaView™ Polymer-HRP or –AP Detection Kits (DPXXXX)
 MedaFluo™ Immunofluorescent Detection Kits (MFXXXX)
 DuoFluo™ IF Double Staining Detection Kits (DFXXXX)
 CISH Poly HRP Detection Kit for DIG Labeled Probes (IS0001)
 ISH Tissue Pretreatment Kit (IS0003)
 Ultra-Sensitive Mutation Detection Kits (XXXXXXXX-20, -50)

Intended Use & Restrictions Intended for use by professional laboratory personnel properly trained in its use.

Company Information Medaysis Company
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 Alameda, CA 94501, USA
 Techsupport@medaysis.com
 Tel./Fax: 510-509-3153 or 888-608-3167 (US toll free) Mon. – Fri.: 9am to 5pm (JST)

24-Hour Emergency Contact Tel./Fax: 510-509-3153 or 888-608-3167 (US toll free)

OSHA Hazards Not Hazardous
 While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

GHS Classification Signal words, Symbol, Hazard & Precautionary Statements Not Hazardous

Potential Health Effects

Skin Contact May be harmful if exposed to skin. May cause skin irritation, itching, redness or inflammation.

Eye Contact May be harmful if exposed to eyes. May cause eye irritation, watering eyes, stinging or burning sensation.

Inhalation May be harmful if inhaled. May cause respiratory tract irritation, headache, dizziness, nausea or coughing

Ingestion May be harmful if swallowed. May cause irritation of gastrointestinal tract, nausea, or vomiting.
 See Section 11: Toxicological Information for additional information.

2. Hazards Identification

Emergency Overview This product has been classified as non-hazardous based on the physical and/or chemical nature and/or concentration of ingredients.
 Product has little to no hazards for Emergency Responders if spilled and has no unusual hazard if in a fire.

Sodium azide (<0.1%) is included as a preservative. Although it is not considered hazardous at this level, please note that accumulated sodium azide may react with lead or copper plumbing to form highly explosive metal azides. Thorough flushing of plumbing is recommended.

Environmental Effects None identified.
 See Section 12: Ecological Information for additional information.

3. Composition / Information on Ingredients

Chemical Name	Synonyms	% Composition	CAS Number
Sodium azide	N/A	< 0.1%	26628-22-8
Proprietary Composition, multiple components	N/A	< 1% each	N/A
Water	N/A	>99%	7732-18-5

Note: It has been determined that the remaining ingredients of this product are not classified as hazardous according to the Federal OSHA Hazardous Communication Standard (29 CFR 1910.1200) or the Globally Harmonized System of Classification and Labeling of Chemicals.

4. First Aid Measures

General Advice

Avoid further exposure to product. Consult a physician.

In case of skin contact

Wash exposed area with soap and plenty of water. Remove any contaminated clothing. Seek medical attention.

In case of eye contact

Wash eyes with plenty of water for at least 15 minutes. Have victim remove contact lenses. Be sure to wash under eyelids. Seek medical attention.

If inhaled

Remove victim to well-ventilated area. If victim is not breathing, give artificial respiration. Seek medical attention.

If swallowed

If victim is conscious, rinse mouth with water. Do not give anything to an unconscious victim. Seek medical attention.

5. Fire Fighting Measures

Suitable Extinguishing Media

Water spray, alcohol-resistant foam, dry chemical, or carbon dioxide. Use extinguisher media appropriate for surrounding fire.

Special Protective

Equipment for Firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact with eyes and skin.

Special Exposure Hazards

None identified.

6. Accidental Release Measures

Personal Precautions

Use of personal protective equipment is recommended as described in Section 8. Isolate hazard area and deny entry to unprotected personnel.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Keep out of drains, sewers, ditches and waterways.

Methods for containment and clean up

Small spills may be contained and cleaned-up with paper towels or absorbent pads. Absorb large spills with sand or vermiculite and place in a closed container for waste disposal. Avoid physical contact during removal.

7. Handling and Storage

Precautions for Safe Handling

Avoid contact with eyes, skin and clothing. Do not ingest. Wash hands thoroughly after use.

Conditions for Safe Storage

Avoid contact with eyes, skin and clothing. Do not ingest. Wash hands thoroughly after use. Keep container tightly closed. Keep container in a cool, well-ventilated area.

8. Exposure Controls / Personal Protection

Permissible Exposure Limits

Component	Permissible Exposure Limit(s)
Sodium Azid	ACGIH, TLV: 0.29 mg/m ³ , ceiling NIOSH, REL-C: 0.3 mg/m ³ , skin

Engineering Controls

No special controls needed.

Personal Protective Equipment

Eye Protection

Wear chemical splash goggles and/or face shield when eye and face contact is possible due to splashing or spraying of material.

Skin Protection

Use chemically resistant gloves and a lab coat with sleeves.

Respiratory Protection

Exceeding exposure limits is unlikely during normal usage. However, if irritating vapors are produced, respiratory protection is recommended. Attempt to reduce exposure levels to an acceptable range.

General Hygiene Measures

Avoid contact with eyes, skin and clothing. Wash hands thoroughly after handling and before eating or drinking.

9. Physical and Chemical Properties

Appearance

Clear solution. May be colorless or colored (tan, green, red, yellow), depending upon the specific product.

Odor	None
pH (as supplied)	Various
Melting point	No data available
Boiling point	No data available
Flash point	No data available
Flammability	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapor pressure	No data available
Vapor density	No data available
Specific gravity	No data available
Solubility (in water)	Soluble
Partition coefficient (n-octanol/water)	No data available
Auto-ignition temperature	No data available
Decomposition Temperature	No data available

10. Stability and Reactivity

Chemical Stability	Stable under recommended storage conditions (see Section 7).
Conditions to avoid	Avoid buildup of sodium azide in copper or lead plumbing. Thorough flushing of plumbing with water is recommended.
Materials to avoid	Contact of sodium azide with heavy metals may form explosive azides. Contact of sodium azide with acids may liberate toxic gas.
Hazardous decomposition Products	Hazardous decomposition products formed under fire conditions: carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen chloride gas.
Possibility of hazardous Reactions	Contact of sodium azide with heavy metals may form explosive azides. Contact of sodium azide with acids may liberate toxic gas.

11. Toxicological Information

Acute dose effects	No data available
Repeat dose effects	No data available
Skin irritation	Not determined
Skin and respiratory Sensitization	Not determined
Eye irritation	Not determined
Carcinogenicity	No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, potential, known, anticipated, or confirmed carcinogen by IARC, ACGIH, NTP, or OSHA.
Mutagenicity	No data available
Reproductive effects	No data available
Developmental effects	No data available
Target organ effects	No data available

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

12. Ecological Information

Ecotoxicity	No data available
Persistence and degradability	No data available
Bioaccumulation/accumulation	No data available
Mobility in environmental media	No data available
Other hazardous effects	May be harmful to the environment, particularly aquatic organisms.

13. Disposal Considerations

Product	Disposal should be in accordance with applicable national, state, and local laws and regulations. Local regulations may be more stringent than national or state requirements.
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Verify local and state regulations before discharging into public sewers or landfills. Do not dump into any body of water. Contact a licensed professional waste disposal service for appropriate methods of disposal.

Dispose of as unused product.

Contaminated packaging

14. Transportation Information

Proper shipping name Not applicable
Technical name Not applicable
Hazard class Not applicable
Identification number Not applicable
Packing group Not applicable
DOT (US) Not regulated
IMDG Not regulated
IATA Not regulated
TDG Not regulated

15. Regulatory Information

Inventory Status

United States (TSCA) All ingredients are on the inventory or exempt from listing.

Canada (DSL / NDSL) All ingredients are on the inventory or exempt from listing.

SARA 302 Components Sodium azide: CAS 26628-22-8

SARA 313 Components Sodium azide: CAS 26628-22-8, Concentration <0.1%

SARA 311/312 Hazards Sodium azide: Acute health hazard

California Prop. 65 components This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

16. Other Information

Revision Date June 15, 2015

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.