



# MATERIAL SAFETY DATA SHEET

## Section 1: Product and Company Identification

PRODUCT NAME: \*Cell IDx HRP arrest solution part A (Azide in MES)  
PRODUCT CODE: SL-029/010

RECOMMENDED USE: Immunohistochemistry

MANUFACTURER: Cell IDx, Inc.  
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San Diego, CA 92121

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## Section 2: Composition/Information on Ingredients

| Chemical Name | CAS#       | EC#       | Percent |
|---------------|------------|-----------|---------|
| Sodium Azide  | 26628-22-8 | 247-852-1 | 0.656%  |

### GHS US classification

Acute toxicity (Oral) - Category 2

Acute toxicity (Dermal)- Category 1

Hazardous to the aquatic environment - Acute Hazard Category 3

Hazardous to the aquatic environment - Chronic Hazard Category 3  
long lasting effects

H312 Harmful in contact with skin

H402 Harmful to aquatic life

H412 Harmful to aquatic life with

Signal word (GHS US):

Hazard statements (GHS US):

Warning

H312 - Harmful in contact with skin

H402 - Harmful to aquatic life

H412 - Harmful to aquatic life with long lasting effects

Precautionary statements (GHS US):

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 - If on skin: Wash with plenty of water

P312 - Call a poison center or doctor if you feel unwell

P362+P364 - Take off contaminated clothing and wash it before reuse.

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.



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## Section 3: Health Identification

Health Hazard- Can cause significant irritation, minor reversible injury possible  
Use safety goggles, gloves, lab coat

## Section 4: First Aid Measures

Skin Contact: Immediately wash well with mild soap and copious amounts of water. Remove any contaminating clothing. Flush skin with additional water.  
Eye Contact: Immediately flush eyes with copious amounts of water for at least 15 minutes. If symptoms persist, call a physician.  
Ingestion: Call a poison control center/physician/doctor.  
Inhalation: If inhaled move victim to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen and call physician. If warranted, seek medical attention. If possible, save sample of material that caused reaction for use in determination of appropriate treatment.

## Section 5: Fire Fighting Measures

Suitable extinguishing media: Water spray, dry powder, foam, carbon dioxide  
Protection during firefighting: do not attempt to take action without suitable protective equipment. Self contained breathing apparatus and complete protective clothing.

## Section 6: Accidental Release Measures

Local Exhaust: Not required  
Protective clothing: Lab coat  
Protective gloves: Rubber/Latex  
Eye protection: Safety glasses  
Respiratory protection: None normally required  
Other precautions: Avoid contact and inhalation: do not get in eyes, on skin or clothing.  
Leak and spill procedure: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

## Section 7: Handling and Storage

Handling and Storage: 2-8°C, Keep only in the original container in a cool, well ventilated place away from metals. Keep container closed when not in use.  
Other precautions: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor

## Section 8: Exposure Controls/Personal Protection

Engineering Controls: Emergency eye wash stations should be available in vicinity.  
Ventilation: Ensure good ventilation of the work station.  
Respiratory Protection: None  
Eye Protection: Safety glasses



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Skin Protection: Gloves/Lab coat

Other Protective Clothing or Equipment:

Work Hygienic Practices: Use standard protocols for unknown compounds. Do not eat, drink, or smoke while using. Wash hands after use even if using gloves.

Exposure Guidelines:

USA- ACGIH- Occupational Exposure limits:

ACGIH Ceiling (mg/m<sup>3</sup>) – 0.29

ACGIH Ceiling (ppm)- 0.11

USA- NIOSH- Occupational Exposure Limits

NIOSH REL Ceiling (mg/m<sup>3</sup>) – 0.3

NIOSH REL Ceiling (ppm)- 0.1

## Section 9: Physical and Chemical Properties

|                           |                          |
|---------------------------|--------------------------|
| Form:                     | Liquid                   |
| Appearance:               | Colourless               |
| Odor:                     | No information available |
| Boiling Point/Range:      | 100°C                    |
| Melting point/Range:      | Not applicable           |
| Flash Point:              | °C no data available     |
| Autoignition temperature: | °C no data available     |
| Oxidizing Properties:     | No information available |
| Water solubility:         | Soluble                  |
| Specific gravity:         | 1 g/L                    |

## Section 10: Stability and Reactivity

|                                   |  |
|-----------------------------------|--|
| Stability:                        | May form explosive compounds (higher concentrations) |
| Materials to avoid:               | Strong acids, strong oxidizers, copper, lead.        |
| Hazardous decomposition products: | Nitrogen Oxides.                                     |

## Section 11: Toxicological Information

LD50 oral rat -27 mg/kg

LD50 dermal rabbit 20 mg/kg

LC50 Inhalation - Rat 0.05 – 0.52 mg/l (EPA OPPTS 870.1300: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (dust), 14 day(s))

ATE US (oral) 27 mg/kg body weight

ATE US (dermal) 20 mg/kg body weight

ATE US (vapors) 0.05 mg/l/4h

Acute toxicity: Unknown.

Likely routes of exposure: Skin and eye contact.

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

Symptoms/effects: Not expected to present a significant hazard under anticipated conditions of normal use

## Section 12: Disposal Considerations



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Dispose of in accordance with local regulations.  
Avoid release to the environment.

## Section 13: Ecological Considerations

Harmful to aquatic life with long lasting effects.

LC50 fish 1 – 0.8mg/l

## Section 14: Transport Information

IATA

|                       |   |
|-----------------------|---|
| Proper shipping name: | Not classified as dangerous in the meaning of transport regulations |
| Hazard Class:         | None  |
| Subsidiary Class:     | None  |
| Packing Group:        | None  |
| UN-No:                | None  |

## Section 15: Regulatory Information

SARA 313 - No chemicals in this material with known CAS #s are subject to the reporting requirements.

SARA 311/312 Hazards - No SARA Hazards.

SARA: SARA 302 Threshold Planning Quantity (TPQ)- 500 lb

CERCLA RQ- 1000 lb

RQ (reportable quantity, section 304 of EPA's List of Lists) – 1000 lb

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

## Section 16: Other Information

The information contained in this Safety Data Sheet is believed to be accurate, but it is the responsibility of the user to determine the applicability of these data to the formulation of necessary safety precautions. Cell IDx, Inc. shall not be held responsible for any damage resulting from the use of the above product or the information contained in this Safety Data Sheet.