

# MATERIAL SAFETY DATA SHEET

## CALCIUM (Arsenazo) REAGENT

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### DATE OF PREPARATION

FEBRUARY, 2007

## I PRODUCT IDENTIFICATION

CHEMICAL / PRODUCT NAME: **SDI CALCIUM (Arsenazo) REAGENT**

PRODUCT CATALOG NO: 32409

## II HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

| <u>INGREDIENT</u> | <u>CAS No.</u> | <u>%</u> |
|-------------------|----------------|----------|
|-------------------|----------------|----------|

None present above minimum guidelines set out in the OSHA's HAZARD COMMUNICATIONS STANDARD (29CFR 1910.1200). A chemical mixture is considered hazardous if it contains 1% (one percent) or more of a hazardous compound.

Caution: Contains Sodium Azide 0.02% (CAS No. 26628-22-8). See precautions section of package insert. Poison Do Not Ingest.

## III PHYSICAL / CHEMICAL CHARACTERISTICS

|                      |               |
|----------------------|---------------|
| Appearance and odor: | Purple Liquid |
| Boiling Point:       | Not Available |
| Vapor Pressure:      | Not Available |
| Vapor Density:       | Not Available |
| Melting Point:       | Not Available |
| Evaporation Rate:    | Not Available |
| Specific Gravity:    | Not Available |
| Solubility in Water: | Complete      |

## IV FIRE AND EXPLOSION HAZARD DATA

|                                   |  |
|-----------------------------------|--|
| Fire:                             | Not considered to be a fire hazard.  |
| Explosion:                        | Not considered to be an explosion hazard.  |
| Extinguishing Media:              | Use water spray, carbon dioxide, dry chemical powder, or appropriate foam to cool fire exposed containers. |
| Special Fire Fighting Procedures: | Not Available  |

## V REACTIVITY DATA

Stability: Stable

|  |   |
|--|---|
| Conditions to Avoid:                   | Not Available   |
| Incompatibility:                       | Not Available   |
| Hazardous Decomposition of Byproducts: | Toxic gases and vapors may be released if involved in a fire. |
| Hazardous Polymerizations:             | Will Not Occur  |
| Conditions to Avoid:                   | Not Available   |

## **VI HEALTH HAZARD DATA**

|                            |   |
|----------------------------|---|
| Primary Route(s) of Entry: | Inhalation, ingestion, skin absorption.   |
| Short-Term/Long Term       |   |
| Effect of Exposure:        | Direct contact with eyes and skin may cause irritation. Ingestion of large amounts may cause nausea, vomiting and diarrhea.<br>Contact with solution may cause an allergic skin reaction in rare instances. |

The toxicological properties of this material have not been investigated. Exercise appropriate care to avoid direct contact with skin and eyes.

## **VII EXPOSURE EFFECTS**

Not Available

## **VIII SYMPTOMS**

Not Available

## **IX FIRST AID**

|            |  |
|------------|--|
| Ingestion: | Seek medical advice if ingestion is suspected.   |
| Skin:      | Immediately flush with copious amounts of water. |
| Eye:       | Immediately flush with copious amounts of water. |

## **X VENTILATION AND PERSONAL PROTECTION**

|                         |                                     |
|-------------------------|-------------------------------------|
| Ventilation:            | Not Required                        |
| Respiratory Protection: | Not Required                        |
| Skin:                   | Gloves and Laboratory Coat Required |
| Eyes:                   | Protection Required                 |

In general, good laboratory procedures should be followed.

## **XI SPECIAL STORAGE AND DISPOSABLE PROCEDURES**

Not Applicable

## **XII SPILL, LEAK AND DISPOSAL PROCEDURES**

|           |  |
|-----------|--|
| Spillage: | Flush affected area with water.  |
| Disposal: | Flush to sewer with excess water. Disposal may be subject to Federal, State or Local Laws. |

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