



## Safety Data Sheet #: SDS-80-CALPHU-ITXXX

Revision: 1.0

Last Revised: 12Nov24

Product Number	Product Name	Components
80-CALPHU-IT100	Calprotectin Immunoturbidimetric Assay, 100 tests	Reagent 1, 1 vial (900-CALPR1) Reagent 2B, 1 vial (900-CALPR2B)
80-CALPHU-IT200	Calprotectin Immunoturbidimetric Assay, 200 tests	Reagent 1, 2 vials (900-CALPR1) Reagent 2, 1 vial (900-CALPR2)
80-CALPHU-ITCAL	Calprotectin Immunoturbidimetric Assay - Calibrators	Calibrators 2 through 6 (900-77S(2-6))
80-CALPHU-ITCON	Calprotectin Immunoturbidimetric Assay - Controls	Control 1 and 2 (900-CALPQC1, 900-CALPQC2)

Calprotectin Calibrators (XX), Controls (XX), and Reagent 2 (900-CALPR2, 900-CALPR2B) do not contain hazardous chemicals at concentrations of 1% or greater and are classified as not dangerous according to the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and CLP (EC) No 1272/2008.

Hazard information for Reagent 1 (900-CALPR1) is following.



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## SECTION 1: Identification

### 1.1 Product Identifier

Product Form: Mixture  
Product Name & Codes: Calprotectin Immunoturbidimetric Assay Reagent 1 (900-CALPR1)

### 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended Uses: For in vitro laboratory use. For professional use only.

### 1.3 Details of the Supplier of the Safety Data Sheet

Manufacturer's Name: American Laboratory Products Co. (ALPCO)  
Address: 26-G Keewaydin Drive, Salem, NH, US 03079  
Information Phone Number: 603-893-8914  
Fax Number: 603-898-6854

### 1.4 Emergency Telephone Number

Emergency Phone: 911 in the United States. Local emergency number in other territories.

## SECTION 2: Hazard Identification

### 2.1 Classification of the Substance or Mixture

#### Classification

Not classified.

### 2.2 Label Elements

No labeling applicable.

#### Hazardous Statements - Health

No hazardous statement available due to the concentration of hazard present in the mixture.

#### Precautionary Statements - General

P101 - If medical advice is needed, have product container or label at hand

P103 - Read label before use.

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

#### Precautionary Statements - Prevention

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

P264 - Wash thoroughly after handling.

P272 - Contaminated work clothing should not be allowed out of the workplace.

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

#### Precautionary Statements - Response

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 - Call a POISON CENTER/doctor if you feel unwell.

P391 - Collect spillage.

P302 + P352 - IF ON SKIN: Wash with plenty of water.



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P333 + P313 - If skin irritation or a rash occurs: Get medical advice/attention.

P337 + P313 - If eye irritation persists: Get medical advice/attention.

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

## Precautionary Statements - Storage

No precautionary statement available.

## Precautionary Statements - Disposal

P501 - Dispose of contents/container in accordance with local/national/international regulations.

## 2.3 Other Hazards

No additional information available.

## SECTION 3: Composition / Information on Ingredients

### 3.1 Substances

Not applicable.

### 3.2 Mixtures

CAS No.	EC No.	Chemical Name	% by Weight in Mixture	Classification according to (EC) No 1272/2008 (based on concentration in mixture)
540-72-7	208-74-4	Sodium Thiocyanate	1.5	Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Aquatic Chronic 3, H412
77-86-1	201-064-4	Trizma Base	1.21	Eye Irrit. 2, H319 STOT SE 3, H335 Skin Irrit. 2, H315

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

First-aid measures after inhalation Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact Wash skin with plenty of water.

First-aid measures after eye contact Rinse eyes with water as a precaution.

First-aid measures after ingestion Call a poison center/doctor/physician if you feel unwell.

### 4.2 Most important symptoms and effects, both acute and delayed

No additional information available.

### 4.3 Indication of any immediate medical attention and special treatment needed

Treaty symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media

Water spray. Dry powder. Foam. Carbon dioxide.



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## 5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire      Toxic fumes may be released.

## 5.3 Advice for firefighters

Do not attempt to take action without suitable protective equipment, including self-contained breathing apparatus and complete protective clothing.

## SECTION 6: Firefighting measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### 6.1.1 For non-emergency personnel

Emergency procedures      Ventilate spillage area.

#### 6.1.2 For emergency responders

Protective equipment      Do not attempt to take action without suitable protective equipment.

### 6.2 Environmental precautions

Avoid release to the environment.

### 6.3 Methods and material for containment and clean-up

Take up liquid spill into absorbent material. Dispose of materials or solid residues at an authorized site.

### 6.4 Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Ensure good ventilation of the workstation. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2 Conditions for safe storage, including any incompatibilities

Storage conditions      Store at 2-8 °C when not in use.

### 7.3 Specific end use(s)

No additional information available.

## SECTION 8: Handling and storage

### 8.1 Control parameters

No additional information available.

### 8.2 Exposure controls

Appropriate engineering controls	Standard safety precautions
Hand protection	Protective gloves
Eye protection	Safety glasses
Skin and body protection	Wear suitable protective clothing
Respiratory protection	Standard safety precautions



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Environmental exposure controls

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1 Information on physical and chemical properties.

Physical state	Liquid
Color	No data available
Odor	No data available
Odor threshold	No data available
pH	No data available
Relative evaporation rate	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	Not applicable
Vapor pressure	No data available
Relative vapor density at 20 ° C	No data available
Relative density	No data available
Solubility	Water soluble
Partition coefficient n-octanol/water (Log Pow)	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Explosion limits	No data available

### 9.2 Other information

No additional information available.

## SECTION 10: Physical and chemical properties

### 10.1 Reactivity

This product is non-reactive under normal conditions of use, storage, and transport.

### 10.2 Chemical Stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4 Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5 Incompatible materials

No additional information available.



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## 10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Physical and chemical properties

### 11.1 Information on toxicological effects.

Acute toxicity. Not classified

Trizma Base (77-86-1)	
LD50 oral rat	5900 mg/kg (rat)

Sodium thiocyanate (540-72-7)	
LD50 oral rat	764 mg/kg (rat; inconclusive; insufficient data)
LD50 dermal rat	2000 mg/kg body weight (rat; read-across; OECD 402: acute dermal toxicity)

Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
STOT – single exposure	Not classified
STOT – repeated exposure	Not classified
Aspiration hazard	Not classified

## SECTION 12: Physical and chemical properties

### 12.1 Toxicity

Ecology – general

The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Sodium thiocyanate (540-72-7)	
Threshold limit – Algae [1]	150 mg/l (EC20; OECD 202: Alga, Growth Inhibition Test; 72h: Pseudokirchneriella subcapitata; Static system; Fresh water; Read-across)

### 12.2 Persistence and Degradation

Trizma Base (77-86-1)	
Persistence and degradability	Biodegradability in water: no data available.

Sodium thiocyanate (540-72-7)	
Persistence and degradability	Biodegradability: not applicable. NO (test) data on mobility of the substance available.
ThOD	Not applicable (inorganic)

### 12.3 Bioaccumulative potential

Trizma Base (77-86-1)	
Partition coefficient n-octanol/water (log Pow)	-1.56
Bioaccumulative potential	Bioaccumulation: not applicable.



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Sodium thiocyanate (540-72-7)	
Partition coefficient n-octanol/water (log Pow)	-2.52 (Calculated)
Bioaccumulative potential	Low potential for bioaccumulation (Log Know <4).

## 12.4 Mobility in soil

No additional information available

## 12.5 Results of PBT and vPvB assessment

No additional information available

## 12.6 Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Waste treatment methods

Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

### 14.1 UN number

Not regulated for transport

### 14.2 UN proper shipping name

Proper Shipping Name (ADR)	Not applicable
Proper Shipping Name (IMDG)	Not applicable
Proper Shipping Name (IATA)	Not applicable
Proper Shipping Name (ADN)	Not applicable
Proper Shipping Name (RID)	Not applicable

### 14.3 Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) Not applicable

#### IMDG

Transport hazard class(es) (IMDG) Not applicable

#### IATA

Transport hazard class(es) (IATA) Not applicable

#### ADN

Transport hazard class(es) (ADN) Not applicable

#### RID

Transport hazard class(es) (RID) Not applicable

### 14.4 Packing group

Packing Group (ADR)	Not applicable
Packing Group (IMDG)	Not applicable
Packing Group (IATA)	Not applicable



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Packing Group (ADN) Not applicable  
Packing Group (RID) Not applicable

### 14.5 Environmental hazards

Dangerous for the environment No  
Marine pollutant No  
Other information No supplementary information available

### 14.6 Spacial precautions for user

#### Overland transport

No data available

#### Transport by sea

No data available

#### Air transport

No data available

#### Inland waterway transport

Carriage prohibited (ADN) No

Not subject to ADN

#### Rail transport

Carriage prohibited (RID) No

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1 EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no REACH candidate substance

Contains no REACH Annex XIV substances

#### 15.1.2 National regulations

No additional information available

### 15.2 Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Full text of H- and EUH-phrases

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard Category 3
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2



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STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety, and environmental requirements only. It should not be construed as guaranteeing any specific property of the product.