



Expect Service

Radiation Products Design Inc

MATERIAL SAFETY DATA SHEET

RPD INFORMATION

Address 5218 Barthel Industrial Drive
Albertville, MN 55301

Website www.rpdinc.com

Email sales@rpdinc.com

Phone 763-497-2071 or 800-497-2071

Fax 763-497-2295

RPD PRODUCT INFORMATION

RPD is an authorized distributor

Item Number	Description
466-000	Liquid Erado-Sol Stain Remover, 16 oz

Safety Data Sheet

ERADO-SOL, #207

1. Identification of Substance / Mixture and of Supplier:

Product Identifier: Cleaning Soap Compound

Synonyms: Cleaner, Biological and Chemical Stain Remover

Supplier Details:

Commercial Product Name: ERADO-SOL, #207

Typically sold in small quantity, laboratory use 1 gallon or less.

Company: CAMBRIDGE DIAGNOSTIC PRODUCTS, INC.

Product Information: Phone: 954.971.4040 Fax: 954.975.5609

6880 NW 17th Avenue, Fort Lauderdale, FL 33309, U.S.A.

Emergency Contact/Assistance:

For Hazardous Materials [or Dangerous Goods] Incident Spill, Leak, Fire, Exposure or Accident Call

CHEM-TREC Day or Night

Within the USA and Canada: 1.800.424.9300

Outside USA & Canada 1.703.527.3887 (collect calls accepted)

CCN3673

2. HAZARDS IDENTIFICATION:

OSHA Hazards:

Irritant

Target Organs:

Eyes

GHS label elements, including precautionary statements



Signal Word:

IRRITANT!

Hazard statement(s)

H319: Causes serious eye irritation

H302: Harmful if swallowed

Precautionary statement(s)

P262: Do not get in eyes

P301: IF SWALLOWED: Get immediate medical attention. Physician may induce vomiting, if necessary. May cause dizziness, diarrhea, strong cramps and may damage the esophagus and stomach.

P315: Get immediate medical advice/attention (upon accidental ingestion)

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P337+313: If eye irritation persists get medical advice/attention

GHS Classification(s)

Other hazards which do not result in classification:

Potential Health Effects:

Organ	Description
Eyes	Causes serious eye irritation

3. Composition and Information on Ingredients:

Chemical identity:	Cleaning Soap Compound
Common name / Synonym:	Cleaner, Biological and Chemical Stain Remover
Formula:	Trade Secret
Molecular Weight:	N/A
CAS number:	N/A
EINECS number:	N/A
ICSC number:	N/A
RTECS #:	N/A
UN #:	N/A
EC #:	N/A

<u>Weight</u>	<u>Material</u>	<u>CAS #</u>
5-7%	Ethanol (SDA-3A)	64-17-5
< 0.5%	Methanol*	67-56-1

* Above Methanol is contained in specially denatured, cosmetic grade Ethanol (SDA-3A)

4. FIRST AID MEASURES:

General advice

Non Hazardous

Skin

Not expected to present skin irritation. For dry skin condition, use a high quality emollient cream. Discontinue use if signs of irritation or rash appear.

Inhalation

Not Hazardous

Eyes

Thoroughly flush the eyes with large amounts of clean low-pressure water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation persists, seek medical attention.

Ingestion (Upon accidental ingestion)

Get immediate medical attention. Physician may induce vomiting, if necessary. May cause dizziness, diarrhea, strong cramps and may damage the esophagus and stomach.

5. FIRE FIGHTING MEASURES:

Suitable extinguishing media:

N/A

Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products):

N/A

Special protective equipment and precautions for firefighters:

N/A

Further information:

N/A

Flammable Properties

Classification

N/A

Flash point

> 93° C (200° F)

Auto Ignition temperature

None

6. ACCIDENTAL RELEASE MEASURES:

Personal precautions, protective equipment and emergency procedures:

Wash into sink or sewer

Environmental precautions:

None

Methods and materials for containment and cleaning up:

None

7. HANDLING AND STORAGE:

Precautions for safe handling:

Do not get in eyes.

Conditions for safe storage, including any incompatibilities:

Storage Temperature: 10 - 32 °C (50 – 90°F) Keep container tightly closed. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Do not mix with any other chemical but water. DO NOT MIX WITH HOUSEHOLD BLEACH (SODIUM HYPOCHLORITE).

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

Control parameters, e.g., occupational exposure limit values or biological limit values:

Occupational Exposure Limits

Component	Source	Type	Value
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N/A

Appropriate engineering controls:

None

Individual protection measures, such as personal protective equipment:

Respiratory protection:

None

Hand protection:

None

Eye protection:

Glasses

Skin and body protection:

N/A

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance (*physical state, color, etc.*) This product is available in two different forms
1. Pink, low viscosity, pleasantly scented liquid
2. 4 x 6 wipes with clear liquid and no fragrance added

Freezing point	-4-0 °C (24-30 °F)
Initial boiling point and boiling range	85-88° C (185-190° F)
Flash point	> 93° C (200° F)
Upper / Lower flammability or explosive limits	N/A
Vapor Pressure	N/A
Vapor Density	1.00 to 1.10
Relative Density	N/A
Solubility(ies)	Completely miscible in water
Auto Ignition temperature	N/A
Formula	Trade Secret
Molecular Weight	Not applicable multiple compound product

10. STABILITY AND REACTIVITY:

Product Stability	N/A
Possibility of hazardous reactions	N/A
Conditions to avoid (e.g., static discharge, shock or vibration)	None
Incompatible materials	Do not mix with any other chemical but water. DO NOT MIX WITH HOUSEHOLD BLEACH (SODIUM HYPOCHLORITE).
Hazardous decomposition products	None expected

11. TOXICOLOGICAL INFORMATION:

None

Product Summary:

No data available for the mutagenic, teratogenic, or reproductive effects of the product.

Acute Toxicity:

None

Irritation:

Eyes

Direct contact with the eyes produces a mild, reversible irritation, assuming treatment is initiated promptly.

Skin

None

Carcinogenicity

Other Hazards

Specific target organ toxicity – single exposure (Globally Harmonized System)

None

Specific target organ toxicity – repeated exposure (Globally Harmonized System)

None

Signs and Symptoms of Exposure

Causes serious eye irritation.

Organ	Description
Eyes	Causes serious eye irritation
Ingestion	(Upon accidental ingestion) May cause dizziness, diarrhea, strong cramps and may damage the esophagus and stomach.
Inhalation	None
Skin	No irritation expected
Chronic	None

12. ECOLOGICAL INFORMATION:

Not Applicable

13. DISPOSAL CONSIDERATIONS:

Product: No procedure necessary.

Packaging, empty: Rinse with water and dispose.

14. TRANSPORT INFORMATION:

Description of waste residues and information on their safe handling and methods of disposal:

UN number	N/A
UN proper shipping name	N/A
Transport hazard class(es)	N/A
Packing group (<i>if applicable</i>)	N/A

Reportable Quantity

N/A.

IMDG

N/A

15. REGULATORY INFORMATION:

Safety, health and environmental regulations specific for the product in question:

OSHA Hazards

Irritant, Target organ effect

All ingredients are on the following inventories or are exempted from listing

Country	Notification
Australia	AICS
Canada	DSL
China	IECS
European Union	EINECS
Japan	ENCS/ISHL
Korea	ECL
New Zealand	NZIoC
Philippines	PICCS
United States of America	TSCA

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

The following components are subject to reporting levels established by SARA title III, Section 313:
Ethanol: 5-7%

SARA 311/312 Hazards

CERCLA

No chemicals in this material with known CAS numbers are subject to the reporting requirements of CERCLA

Massachusetts Right To Know Components

Pennsylvania Right To Know Components

New Jersey Right To Know Components

California Prop 65 Components

16. FURTHER DATA:

INCLUDING INFORMATION ON PREPARATION AND REVISION OF THE SDS

Disclaimer

This product is for *in vitro* laboratory use only. Cambridge Diagnostic Products, Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide for the appropriate precautionary handling of the material by a properly trained person using the product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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