

Material Safety Data Sheet

Redi-Steam

Section 1. Chemical Product and Company Identification

Product Name	Redi-Steam		
Product Number	BL0823		
Product Use	Not available		
Manufacturer/ Supplier	Amrep, Inc. 990 Industrial Park Drive Marietta, GA 30062		
Phone Number	(770) 422-2071 (Mon-Fri/ 8am- 5pm ET)		
D.O.T. Emergency Phone:	CHEM TEL (800) 255-3924 INTERNATIONAL: + 01-813-248-0584		
Date of Preparation	April 27 2009	Revision Number	1.0

Section 2. Hazards Identification

Emergency overview This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

CAUTION!

Do not ingest. Wash thoroughly after handling.

Potential Acute Health Effects This product is a severe eye irritant.

Routes of Entry Eye Contact Ingestion. INHALATION Skin contact.

Eyes This product may irritate eyes upon contact.

Skin May cause skin irritation.

Inhalation May be irritating to respiratory System. May cause headache, dizziness.

Ingestion Vomiting and Diarrhea possible

Medical conditions aggravated by exposure: Repeated skin exposure can produce local skin destruction, or dermatitis.

Potential Chronic Health Effects Repeated skin exposure can produce local skin destruction, or dermatitis.

Carcinogenic Effects Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

Target organs

Environmental effects

Section 3. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
Anionic Surfactant	5324-84-5	10-15	Not available.	Not available.

Section 4. First Aid Measures

Eye Contact	Avoid contact with eyes. In case of contact with eyes, rinse immediately with plenty of water. Seek IMMEDIATE medical attention.
Skin Contact	Rinse with plenty of running water. Seek medical attention.
Inhalation	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration., preferably mouth to mouth if possible.
Ingestion	Call a poison control center immediately for treatment advice. Have person sip a glass of water if able to swallow. Do NOT induce vomiting unless instructed to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person
General Advice	In case of Accident or if you feel unwell, seek medical advice immediately (show label or MSDS where possible).
Notes to Physician	

Section 5. Fire Fighting Measures

Flammability	Non-flammable.
Fire Fighting Media and Instructions	Non-flammable substance.
Products of Combustion	Not Applicable
Special Remarks on Fire Hazards	No additional remark.
Special Remarks on Explosion Hazards	
Sensitivity to Mechanical Impact	N/A
Sensitivity to Static Discharge	N/A
No additional remark.	
Protection of Fire Fighters	See special remarks on Fire Hazards

Section 6. Accidental Release Measures

Personal Precautions	Gloves. Splash goggles.
Methods for Containment	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Environmental precautions	See Methods for Containment
Methods for Clean Up	See Methods for Containment

Section 7. Handling and Storage

Precautions	Avoid contact with eyes. DO NOT ingest.
Incompatibility	acids
Storage	Keep out of reach of children. For Institutional and Commercial Use

Section 8. Exposure Controls/Personal Protection

Engineering Controls**Personal Protection**

Good general ventilation should be sufficient to control airborne levels.

Eyes

Safety glasses.

Body

No additional special protective clothing is required.

Respiratory

A respirator is not needed under normal and intended conditions of product use.

Hands

Gloves.

**Protective Clothing
(Pictograms)****Exposure Limits**

Not available.

Section 9. Physical and Chemical Properties

**Physical State and
Appearance**

Liquid

Odor

Floral.

Color

Green.

Molecular Weight

Not applicable.

pH

9.5 to 10.5 [Basic.]

**Boiling/Condensation
Point**

101.11°C (214°F)

Melting/Freezing Point

Not available.

Critical Temperature

Not available.

Instability Temperature

Not available.

Specific Gravity

1.007 (Water = 1)

Vapor Pressure

Not available.

Vapor Density

Not available.

Volatility

75% (v/v).

VOC

<1%

Evaporation Rate

<1 compared to Water

Dispersion Properties

See solubility in water.

Solubility

Soluble

The Product is:

Non-flammable.

**Auto-ignition
Temperature**

Not applicable.

Flash Points

Not applicable.

Flammable Limits

Not applicable.

**Fire Hazards in Presence
of Various Substances**

Non-flammable.

**Explosion Hazards in
Presence of Various
Substances**

Not Applicable

Section 10. Stability and Reactivity Data

Stability	The product is stable.
Incompatibility with Various Substances	acids
Hazardous Decomposition Products	Not available.

Section 11. Toxicological Information

Routes of Entry

Toxicity to Animals	Eye Contact Ingestion. INHALATION Skin contact.
Acute Effects on Humans	Acute oral toxicity (LD50): 3030 mg/kg [Rat]. (Tetrasodium salt of ethylenediaminetetraacetic acid).
Eyes	This product may irritate eyes upon contact.
Skin	May cause skin irritation.
Inhalation	May be irritating to respiratory System. May cause headache, dizziness.
Ingestion	Vomiting and Diarrhea possible
Chronic Effects on Humans	Repeated skin exposure can produce local skin destruction, or dermatitis.
Special Remarks on Toxicity to Animals	No additional remark.
Special Remarks on Chronic Effects on Humans	No additional remark.

Section 12. Ecological Information

Ecotoxicity	Not available.
BOD5 and COD	Not available.
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	Not Applicable
Special Remarks on the Products of Biodegradation	No additional remark.

Section 13. Disposal Considerations

Waste Information	Not available.
Waste Stream	Not available.

Section 14. Transport Information

DOT (U.S.A)
(Pictograms)



TDG Classification

Not controlled under TDG (Canada).



PIN UN, Proper Shipping Name, PG Not applicable.

Maritime Transportation Not available.

Special Provisions for Transport Not applicable.

Section 15. Other Regulatory Information and Pictograms

Regulatory Lists

No products were found.

Other Regulations

Not available. or of its ingredients

Other Classifications

HCS (U.S.A.)

HCS CLASS: Irritating substance.

USA Regulatory Lists

This product does NOT contain components that are known to the state of California to Cause Cancer or Reproductive Harm at or above California Prop 65 No Observable Effect Level (NOEL) (Safe Harbor Level).

DSD (EEC)

This product is not classified according to the EU regulations.

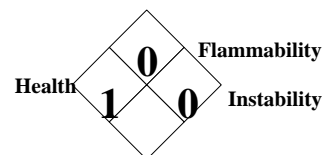
International Regulations Lists

No products were found.

Hazardous Material Information System (U.S.A.)

Health	1
Flammability	0
Physical Hazard	0

National Fire Protection Association (U.S.A.)



Specific Hazard

WHMIS (Classification)

WHMIS CLASS D-2: Material causing other toxic effects.



The Hazard Ranking systems presented on this MSDS provide only a quick reference for hazard information. The ENTIRE MSDS must be consulted to determine any specific hazards, First Aid measures, and PPE associated with this product.

Section 16. Other Information

Expiry date 3 (Three Years) from the date of preparation indicated in Section 1

Validated by CRushton on 4/27/2009.

Verified by CRushton.

Printed 4/27/2009.

Information Contact **Amrep, Inc.**
 990 Industrial Park Drive
 Marietta, GA 30062

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Validated on 4/27/2009.

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