

SAFETY DATA SHEET

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NAME: CALAMINE LOTION

SDS NO. 0413

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Calamine Lotion

Synonyms: Zinc Oxide Lotion

Recommended Use: OTC Skin Protectant Lotion

2. HAZARD IDENTIFICATION

Pictogram:	
Classification:	Not Classified
Signal Word:	Warning
Hazard Statements:	May be harmful if swallowed

3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
CALAMINE POWDER	8011-96-9
ZINC OXIDE	1314-13-2

GLYCERIN	56-81-5
BENTONITE	1302-78-9
WATER	7732-18-5
CALCIUM HYDROXIDE	1305-62-0

The exact percentage has been withheld as a trade secret

4. FIRST-AID MEASURES

ROUTE	COMMON SYMPTOMS	FIRST AID
Inhalation	Dizziness, trouble breathing	Remove source of contamination or move victim to fresh air. If affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Vomiting, cramps, diarrhea	Do not induce vomiting. If material is swallowed, get medical attention or advice
Skin	Dermal irritation	If irritation occurs, wash with soap and water. If irritation persists, get medical attention.
Eyes	Irritation	Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If symptoms persist, get medical attention.

5. FIRE-FIGHTING MEASURES

Flash Point:	Not determined
Auto Ignition:	Not determined
Extinguishing Media:	Use methods appropriate for the surrounding fire. Consider water spray or fog, carbon dioxide, dry chemical powder, or alcohol resistant foam.
Products of Combustion:	Upon combustion this product may emit carbon dioxide, carbon monoxide and/or low molecular weight hydrocarbons.
Fire Fighting Equipment and Procedures:	Wear protective clothing and equipment suitable for the surrounding fire, including helmet, facemask, and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Read entire label before using and follow all label directions.
Environmental Precautions:	Prevent discharge to open waters.
Method of Containment:	Absorb spilled liquids in suitable inert material such as clay, vermiculite or diatomaceous earth.

Method for Clean-Up:	Ventilate area of spill or leak. Sweep or scrap up and containerize in approved chemical waste container. Wash spill area with water.
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7. HANDLING AND STORAGE

Handling:	Do not take internally. Do not consume food, drink or smoke while handling this product.
Storage:	Keep from freezing. Keep container tightly closed and in a cool, well ventilated place.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls:	Normal room ventilation is usually adequate under normal use.
Personal Protective Equipment (PPE)	
Eye/Face Protection:	None needed under normal use.
Skin Protection:	None needed under normal use.
Respiratory Protection	None needed under normal use.
General Hygiene Considerations:	Wash hands after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Smooth pink suspension	Upper/Lower Flammability:	Not determined
Odor:	Calamine	Vapor Pressure	Not determined
Odor Threshold:	Not determined	Vapor Density:	Not determined
pH:	Not determined	Relative Density:	Not determined
Melting point /Freezing Point:	Not determined	Solubilities:	Not soluble
Boiling point/range:	Not determined	Partition coefficient: n-octanol/water:	Not determined
Flash point	Not determined	Auto-ignition temperature	Not determined
Evaporation rate	Not determined	Decomposition Temperature:	Not determined
Flammability:	Not flammable	Viscosity	Not determined

10. STABILITY AND RACTIVITY

Reactivity:	Not reactive
Chemical Stability:	Stable under normal ambient temperatures (70°F)
Possibility of Hazardous reactions:	Not determined.
Conditions to Avoid:	Freezing and extreme heat
Incompatible materials:	Not determined

Hazardous Decomposition Products:	Not determined
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11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Not determined.
Skin irritation:	Not determined.
Eye contact damage:	Not determined.
Respiratory damage:	Not determined.
Ingestion overdose:	Not determined.
Delayed, immediate, or chronic effects from short- and long-term exposure	Not determined.
LD50	Not determined.
Symptoms associated with exposure:	None expected: May cause skin irritation to sensitive people.
Carcinogenicity:	
OSHA:	Not listed
NTP:	Not listed
IARC:	Not listed

12. ECOLOGICAL INFORMATION

Acute or chronic aquatic toxicity:	Not determined.
Chemical degradation:	Not determined.
Biodegradation:	Not determined.
Bioaccumulation potential	Not determined.
Adsorption studies or leaching studies:	Not determined.
Other adverse effects	Not determined.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with federal, state and local laws and regulations. Avoid release into environment.

14. TRANSPORT INFORMATION

DOT Hazard Classification:	Non-Hazardous
UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group number:	Not applicable
Environmental hazards:	Not applicable

Special precautions:	Do not freeze, avoid extreme heat
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15. REGULATORY INFORMATION

Not determined

16. OTHER INFORMATION

The information in this SDS is considered current and reliable. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal are beyond Humco's control, it is the responsibility of the user to determine safe conditions for use and to assume liability for loss, damage, or expenses arising from improper use. No warranty expressed or implied regarding the product described herein will be created by or inferred from any statement or omission. Various agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in the SDS. The user should review these regulations to ensure full compliance.

SAFETY DATA SHEET

Identity: Eye Wash / Wound Irrigation Sterile, Buffered, Isotonic,
Saline
(Blue Label)

Prepared by:
Sher Soa

Section II Material Identification Information

Components (Chemical
Names & Common Name)
Hazardous Component 1% or
greater, Carcinogens 0.1% or
greater.

CAS No. % OSHA

PEL

ACGIH

TLV

OTHE

R

LIMIT

S

Sodium Chloride 7647-14-5 1 - 0.1

Potassium Dihydrogen

Phosphate 7778-77-0 1 - 0.1

Sodium Hydroxide 1310-73-2 1 - 0.1

Section III Physical/Chemical Characteristics

Physical State: LIQUID Specific Gravity (H₂O = 1) ≥ 1

Boiling Point: 100° C Melting Point: N/A

Vapour Pressure (mm Hg): N/A Evaporation Rate (Water =1) ≥ 1

Vapour Density (Air =1) Unknown Water Reactive: None

Solubility in Water: Good Percent Volatile: N/A pH: 7.0-7.

4

Appearance and Odour: Clear, Colourless Liquid, Odourless

Section IV Fire and Explosion Data

Flash Point Non-Flammable

Flammability Limits in Air % by Volume: N/A

Extinguisher Media: Carbon Dioxide, Water, Foam

Special Fire Fighting Procedure: None Auto Ignition Temperature N/A

Unusual Fire and Explosion Hazards: None LEL: N/A UEL: N/A

Section V Reactivity Data

Stability Unstable; No Conditions to

Avoid:

None

Stable: Yes
Incompability (Materials to Avoid): N/A
Hazardous Decomposition Products: N/A
Hazardous Polymerization May Occur:
May Occur No Conditions to Avoid: None
May Not Occur: Yes

Section VI Health Hazard Data - Potential Acute Health Effects

Eye Contact: PRODUCT IS INTENDED FOR USE IN OCULAR AREA
Skin Contact PRODUCT HAS NO EFFECT
Inhalation: PRODUCT HAS NO EFFECT
Ingestion
MAY CAUSE STOMACH DISCOMFORT IF LARGE AMOUNT INGESTED
Identity: Eye Wash Sterile, Buffered, Isotonic, Saline (Blue Label)

Section VII Health Hazard Data

Emergency First Aid

Procedure

SEEK MEDICAL ASSISTANCE FOR FURTHER TREATMENT, OBSERVATION AND SUPPORT AS NECESSARY
Eye Contact: NONE REQUIRED
Skin Contact: NONE REQUIRED
Inhalation: NONE REQUIRED
Ingestion: CALL A PHYSICIAN, IF STOMACH DISCOMFORT OCCURS.

Section VIII Control and Protective Measures

Respiratory protection (Specify Type):
NONE
Protection Gloves: NONE Eye Protection NONE
Ventilation to be Used: Local Exhaust N/A Special: N/A
Mechanical (General)
N/A Other: N/A
Other protective Clothing and Equipment:
NOT REQUIRED
Hygienic Work Practices: KEEP CONTAINER CLOSED WHEN NOT IN USE.
ALWAYS READ LABEL BEFORE USE.

Section IX precaution for Safety Handling and Use Leak Procedure

Steps to be taken if Material is Spilled or Released:
MOP UP OR FLUSH DOWN SANITARY SEWER.
Waste Disposal Methods: IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATION
Precaution to be taken in handling and Storage:
KEEP AT ROOM TEMPERATURE (15-30° C)

Other Precaution and/or Special Hazards: KEEP FROM FREEZING READ LABEL BEFORE USING.

HMIS Rating: Health:0 Flammability:

0 Reactivity

0 Personal Protection

0

NFPA Rating: Health:0 Flammability:

0 Reactivity

0 Personal Protection

0



SAFETY DATA SHEET

1. Identification

Product identifier LISA .75oz Hard Milled Soap
Other means of identification 760283
Recommended use Cleansing product
Recommended restrictions None known.
Manufacturer/Importer/Supplier/Distributor information
Company name The Original Bradford Soap Works, Inc.

2. Hazard(s) identification

Physical hazards Not classified.

Health hazards Not classified.

OSHA defined hazards

Label elements None.

Hazard symbol None.

Signal word The mixture does not meet the criteria for classification.

Hazard statement

Precautionary statement Observe good industrial hygiene practices.

Prevention Wash hands after handling.

Response Store away from incompatible materials.

Storage Dispose of waste and residues in accordance with local authority requirements.

Disposal None known.

Hazard(s) not otherwise classified (HNOC)

Supplemental information

Not applicable.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Sodium tallowate	8052-48-0	60 - 70
Sodium palm kernelate OR Sodium cocoate	61789-31-9 OR 61789-89-7	10 - 20
Water	7732-18-5	10 - 20
Glycerin	56-81-5	5 - 10
Pentasodium pentetate	140-01-2	< 1
Sodium chloride	7647-14-5	< 1
Tetrasodium etidronate	3794-83-0	< 1
Titanium dioxide	13463-67-7	< 1

4. First-aid measures

Inhalation	Dust: Move to fresh air. Call a physician if symptoms develop or persist. Solid: No specific first aid measures noted.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media	Carbon dioxide, dry chemical or water.
Unsuitable extinguishing media	None.
Specific hazards arising from the chemical	None known.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire-fighting equipment/instructions	Use water spray to cool unopened containers.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	No special precautions are necessary beyond normal good hygiene practices. See Section 8 of the SDS for additional personal protection advice when handling this product.
Methods and materials for containment and cleaning up	Sweep up and place into a proper container for disposal. Small quantities may be flushed to drains with plenty of water. Solid material: Pick up mechanically.
Environmental precautions	No special environmental precautions required.

7. Handling and storage

Precautions for safe handling	Observe good industrial hygiene practices. Wash hands after contact.
Conditions for safe storage, including any incompatibilities	Keep away from moisture.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Glycerin (CAS 56-81-5)	PEL	5 mg/m ³	Respirable fraction.
		15 mg/m ³	Total dust.

Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.
Individual protection measures, such as personal protective equipment	
Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin protection	
Hand protection	Gloves are not required.
Other	Wear appropriate chemical resistant clothing.

Respiratory protection	Wear a NIOSH-approved (or equivalent) respirator as needed.
Thermal hazards	Not applicable.
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

9. Physical and chemical properties

Appearance

Physical state	Solid.
Form	Powder. Solid (flake). Solid bars. Pellets. Noodle.
Color	White to off-white.
Odor	Characteristic.
Odor threshold	Not available.
pH	9.5 - 10.5
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not applicable.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not applicable.
Flammability limit - upper (%)	Not applicable.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	1.04 @ 25°C
Solubility(ies)	
Solubility (water)	100 % Completely soluble
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not applicable.
Decomposition temperature	Not available.
Viscosity	Not applicable.
Other information	
Flammability	Not applicable.

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Stable.
Possibility of hazardous reactions	Hazardous polymerization will not occur.
Conditions to avoid	None.
Incompatible materials	None.
Hazardous decomposition products	None.

11. Toxicological information

Information on likely routes of exposure

Ingestion	May cause discomfort if swallowed.
Inhalation	Inhalation of dusts may cause respiratory irritation. Solid bars: No adverse effects due to inhalation are expected.
Skin contact	Prolonged skin contact may cause temporary irritation.

Eye contact	Direct contact with eyes may cause temporary irritation.	
Symptoms related to the physical, chemical and toxicological characteristics	Direct contact with eyes may cause temporary irritation. Exposure may cause temporary irritation, redness, or discomfort.	
Information on toxicological effects		
Acute toxicity		
Components	Species	Test Results
Sodium chloride (CAS 7647-14-5)		
Acute		
<i>Oral</i>		
LD50	Mouse	4000 mg/kg
	Rat	3000 mg/kg
<i>Other</i>		
LD50	Mouse	2602 mg/kg
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.	
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.	
Respiratory or skin sensitization		
Respiratory sensitization	Not classified.	
Skin sensitization	This product is not expected to cause skin sensitization.	
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.	
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.	
Specific target organ toxicity - single exposure	Not classified.	
Specific target organ toxicity - repeated exposure	Not classified.	
Aspiration hazard	Due to the physical form of the product it is not an aspiration hazard.	
Further information	None known.	

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components	Species	Test Results
Pentasodium pentetate (CAS 140-01-2)		
Aquatic		
Fish	LC50	Bluegill (<i>Lepomis macrochirus</i>)
		1005 - 1250 mg/l, 96 hours
Sodium chloride (CAS 7647-14-5)		
Aquatic		
Crustacea	EC50	Water flea (<i>Daphnia magna</i>)
		340.7 - 469.2 mg/l, 48 hours
Fish	LC50	Fathead minnow (<i>Pimephales promelas</i>)
		6020 - 7070 mg/l, 96 hours
Persistence and degradability	No data is available on the degradability of this product.	
Bioaccumulative potential	No data available for this product.	
Partition coefficient n-octanol / water (log Kow)		
Glycerin (CAS 56-81-5)		-1.76
Mobility in soil	The product is soluble in water.	
Other adverse effects	None known.	

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information

US federal regulations This product is not hazardous according to OSHA 29CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

US state regulations

US. Massachusetts RTK - Substance List

Glycerin (CAS 56-81-5)

US. New Jersey Worker and Community Right-to-Know Act

Glycerin (CAS 56-81-5)

US. Pennsylvania Worker and Community Right-to-Know Law

Glycerin (CAS 56-81-5)

US. Rhode Island RTK

Not regulated.

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Not listed.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	03-June-2015
Revision date	-
Version #	01
Disclaimer	The information in the sheet was written based on the best knowledge and experience currently available.