

# SAFETY DATA SHEET

Lloyds Laboratories Inc.

Salt Shield – Salt Eliminator – Part #27104, 27120, 27145

## 1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

**Identification of Preparation:** Salt Shield  
**Date of Safety Data Sheet:** March 8, 2017  
**Use of Preparation:** Salt Eliminator.  
**Company Identification:** Lloyds Laboratories Inc.  
613 Neal drive,  
Peterborough,  
Ontario.  
K9J 6X7

**Company Telephone Number:** 800 361-6766

**24 Hour Telephone Number:** CANUTEC 613-996-6666 or \*666 for cell phone.

## 2. HAZARD IDENTIFICATION

**Emergency Overview:**  
**OSHA / WHMIS 2015 Hazards**  
**Classification of substance or mixture**  
**GHS-US/Canadian classification:**  
**GHS Hazards**  
Serious Eye Damage 2A 1 H319.  
**Label Elements**  
**GHS-US/ Canada Labeling**  
**Hazard Pictograms (GHS):**



**Signal Word (GHS):** Warning  
**Hazard Statements (GHS):**  
H319 – Causes serious eye irritation.  
**Precautionary Statements (GHS):**  
P280: Wear face protection, protective clothing, protective gloves, and eye protection.  
P264: Wash ... thoroughly after handling  
**Response Statements (GHS):**  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Description: Chemical Blend.

Ingredient	CAS#	% by Wt	Classification
Citric acid	77-92-9	7.5-15.0	Serious Eye Damage / Eye Irritation category 2 A-H319
Alcohol Ethoxylate	68131-39-5	1-5	Serious Eye Damage / Eye Irritation category 2 A-H319

## 4. FIRST AID MEASURES

<b>Inhalation:</b>	Remove to fresh air. If symptoms persist consult physician.
<b>Eye Contact:</b>	Remove contacts. Flush with water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Repeat if required. If irritation persists get medical attention.
<b>Skin Contact:</b>	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.
<b>Ingestion:</b>	Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personnel. Never give anything to an unconscious person. Get medical aid.
<b>Notes to Physician:</b>	Treatment based on judgment of attending physician.

## 5. FIRE FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	Flood with water for extinguishing agent. CO2, dry chemical, alcohol resistant foam.
<b>Unsuitable extinguishing media:</b>	High volume/jet water.
<b>Special exposure hazards:</b>	Thermal decomposition releases irritating gases.
<b>Special safety equipment:</b>	Self-contained positive pressure breathing apparatus and protective clothing.
<b>Fire and explosion:</b>	Not flammable. Not an explosive hazard.
<b>Further information:</b>	Keep containers and surrounding cool with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Do not get in eyes, on skin, or on clothing. Do not breathe vapour or mist.

### For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

### For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area.

### Environmental Precautions

Prevent entry to sewers and public waters.

### Methods and Material for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

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**Methods for Cleaning Up:** Clear up spills immediately with absorbent and dispose of waste safely.

#### Reference to Other Sections

See Heading 8. Exposure controls and personal protection.

## 7. HANDLING AND STORAGE

#### Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Avoid splashes or spray in enclosed areas.

#### Information about fire and explosion protection:

Keep respiratory protective device available.

No special measures required.

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

**Storage:** Acids, Oxidizers, reducing agents.

#### Requirements to be met by storerooms and receptacles:

Store in a cool location.

Protect from humidity.

Unsuitable material for receptacle: steel.

Unsuitable material for receptacle: aluminium.

Avoid storage near extreme heat, ignition sources or open flame.

#### Information about storage in one common storage facility:

Do not store together with alkaline products.

Store away from oxidizing agents reducing agents.

Store away from foodstuffs.

#### Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well ventilated area.

Keep container tightly sealed.

**Specific end use(s):** No further relevant information available.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Respiratory protection:

Use local exhaust or dilution ventilation.

#### Hand protection:

Chemical resistant gloves.

#### Eye protection:

Safety goggles or full face shield.

#### Skin protection:

Use body-covering impervious clothing.

#### Working hygiene:

Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.

#### Exposure Guidelines:

None.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

<u>Physical State</u>	Liquid.	<u>Odour</u>	Typical.
<u>Appearance</u>	Transparent.	<u>Odour Threshold</u>	No data available.
<u>Colour</u>	Yellow to Amber.	<u>Remarks/Method</u>	
<u>Property</u>	<u>Values</u>	<u>Remarks/Method</u>	
pH	2.0-3.0.	None known.	
Melting/Freezing Point	No data available.	None known.	
Boiling Point/Range	No data available.	None known.	
Flash Point	Not applicable.	None known.	
Evaporation Rate	Not applicable.	None known.	
Flammability ( solid, gas)	No data available.	None known.	
Flammability Limit in Air:			
Upper Limit	No data available.	None known.	
Lower Limit	No data available.	None known.	
Vapour Pressure	No data available.	None known.	
Vapour density	No data available.	None known.	
Specific Gravity	1.10 g/cm3.		
Water Solubility	Soluble in water.	None known.	
Solubility Other Solvents	No data available.	None known.	
Partition Coefficient:			
n-octanol/water	No data available.	None known.	
Autoignition temperature	No data available.	None known.	
Decomposition	No data available.	None known.	
Temperature			
Kinematic Viscosity	No data available.	None known.	
Dynamic Viscosity	No data available.	None known.	
Explosive Properties	No data available.	None known.	
Oxidizing Properties	No data available.	None known.	
<b><u>Other Properties:</u></b>			
Softening Point	No data available.		
VOC Content %	No data available.		
Particle Size	No data available.		
Particle Size Distribution	No data available.		

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	Stable under normal conditions.
<b>Chemical stability:</b>	Stable under recommended handling and storage conditions (see section 7).
<b>Thermal decomposition/conditions to avoid:</b>	No decomposition if used and stored according to specifications.
<b>Possibility of hazardous reactions:</b>	Hazardous polymerization will not occur.
<b>Conditions to avoid:</b>	Extremely high or low temperatures. Contact with metallic substances.

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**Hazardous decomposition products:** Carbon oxides (CO, CO<sub>2</sub>). Sodium oxides.

**Materials to avoid:** Chlorine and ammonia based products.

**Hazardous polymerization:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

**Acute toxicity:** Not classified.

### LD/LC50 values relevant for classification:

No data available.

**On the skin:** May cause skin irritation. Symptoms may include pain (which may be delayed), redness, and/or discomfort.

**On the eye:** Causes serious eye irritation. Symptoms may include pain, redness, and watering.

**Ingestion:** May be irritating to mouth, throat and stomach. Symptoms may include stomach pain and nausea.

**Inhalation:** May be irritating to nose, throat, and respiratory tract. Symptoms may include coughing and difficulty breathing.

**Sensitization:** No known effects.

### Additional toxicological information:

**Carcinogenicity:**

**Chemical Name:** None.

## 12. ECOLOGICAL INFORMATION

**Toxicity:** Not classified.

**Persistence and Degradability:** Not available.

**Bioaccumulative Potential:** Not available.

**Mobility in Soil:** Not available.

**Other Adverse Effects:** Not available.

**Other Information:** All of the organic components of this product are readily biodegradable.

## 13. DISPOSAL

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

**Ecology – Waste Materials:** Avoid release to the environment.

## 14. TRANSPORTATION INFORMATION

**U.S. Department of Transportation (DOT):** Not regulated.

**Canadian TDG (Road & Rail):** Not regulated.

**Water Transportation (IMO):** Not regulated.

**Air Transportation (IATA):** Not regulated.

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## 15. REGULATORY INFORMATION

### Occupational Health & Safety Regulations:

WHMIS 1988 Classification: Class D - Division 2B.



OSHA & WHMIS: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).

### International Inventories

TSCA	-
DSL/NDSL	-
EINECS/ELINCS	Complies.
ENCS	Complies.
IECSC	Complies.
KECL	-
PICCS	-
AICS	Complies.

### Legend:

**TSCA** - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List.

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances.

**ENCS** - Japan Existing and New Chemical Substances.

**IECSC** - China Inventory of Existing Chemical Substances.

**KECL** - Korean Existing and Evaluated Chemical Substances.

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances.

**AICS** - Australian Inventory of Chemical Substances.

### U.S. State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

#### HMIS III Rating

Health: 2 Hazard – Temporary or minor injury may occur.

Flammability: 0 Minimal Hazard.

Physical: 0 Minimal Hazard.

Personal Protection : B

SDS US (GHS HazCom 2012 and WHMIS 2015).

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**16. OTHER INFORMATION**

**Prepared By:** Technical Department

**Issuing Date:** March 8, 2017

**Disclaimer:**

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However we do not assume accuracy or completeness of the information contained herein.

Final determination of the 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.

**End of Safety Data Sheet**