

## 1. IDENTIFICATION

**Product Name:** LAV CHEM™ BLUE  
**Product Numbers:** 46990, 46994, 46901  
**Product Type and Use:** Aqueous aviation lavatory deodorant  
**Manufacturer:** Corrosion Technologies  
2850 Industrial Ln, Garland, TX 75041  
**Contact:** Telephone: 972-271-7361 Fax: 972-278-9721  
**Emergency Telephone:** CHEMTREC® USA (800) 424-9300  
Outside US +1 (703) 527-3887

## 2. HAZARDS IDENTIFICATION

### Hazard Classification

#### Health Hazard(s)

Skin Irritation/Corrosion Category 2  
Eye Irritation Category 2B

#### Physical Hazard(s)

None

#### Hazard(s) not otherwise classified

None

### Labeling

**Signal Word:**

**WARNING**

**Pictograms:**

Exclamation Mark



### Statements of Hazard

#### Hazard Statements

Causes skin and eye irritation

#### Precautionary Statements

Wash hands thoroughly after handling. Wear protective gloves. Dispose of contents and container in accordance with applicable regulations.

If on skin: Take off immediately all contaminated clothing. Rinse skin with water or shower. Immediately call a doctor.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Percent by Wt.
Poly(oxy-1,2-ethanediyl), a,a'-[[[3-(decyloxy)propyl]methyliminio]di-2,1-ethanediyl]bis[w-hydroxy-, branched, chlorides	68478-94-4	1-3*

\* Exact percentage of composition has been withheld as a trade secret

## 4. FIRST AID MEASURES

**General Advice:** Avoid skin and eye contact. Avoid breathing spray or mist.

**Inhalation:** Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.

**Skin Contact:** Remove contaminated clothing. Wash with soap and water. Seek medical attention.

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Seek medical attention.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Immediately call a doctor.

## 5. FIRE FIGHTING MEASURES

**Extinguishing Media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Suitable:** Carbon Dioxide, Dry Chemical, and Foam

**Unsuitable:** Alcohol, Alcohol based solutions, any other media not listed above.

**Fire Fighting Procedures:** As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Unusual Fire and Explosion Hazards:** None known

**Hazardous Combustion/ Decomposition Products:** Oxides of carbon and nitrogen.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions / Protective Equipment / Emergency Procedures:** Use caution as spills may be slippery. Use personal protective equipment.

**Methods and materials for containment and cleaning up:** Dike and contain large spills with inert absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer into a properly labeled container for disposal according to applicable regulations.

## 7. HANDLING AND STORAGE

### HANDLING

**Precautions for Safe Handling:** Avoid skin and eye contact. Follow all SDS/label precautions even after container is empty due to residue.

### STORAGE

**Conditions to avoid:** Store in a cool, dry, well-ventilated place in the original container. Keep container tightly closed when not in use.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**EXPOSURE LIMITS:** No constituents in this product have a PEL, TLV or other recommended exposure limit.

**Engineering Controls:** Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas.

### Personal Protection

**Respiratory Protection:** None required under normal use conditions.

**Hand / Skin Protection:** Wear impermeable gloves such as neoprene or nitrile rubber gloves. Gauntlets and apron may be worn depending on the extent and duration of exposure.

**Eye / Face Protection:** Face shield and chemical splash goggles. An eyewash station should be available to the area of use.

**General Hygiene Measures:** Avoid skin and eye contact. Always wash hands and face before eating, drinking or smoking. Remove and wash contaminated clothing before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Transparent	<b>Autoignition Temperature:</b>	Not applicable
<b>Physical State:</b>	Non-viscous liquid	<b>Percent Volatile by volume:</b>	>80
<b>Odor:</b>	None	<b>Vapor Density (Air=1) :</b>	>1
<b>Color:</b>	Blue	<b>Evaporation Rate (BuAc=1) :</b>	<1
<b>Viscosity, cSt @ 40°C:</b>	Not established	<b>Vapor Pressure, mmHg @23°C:</b>	18
<b>cSt @ 104°C:</b>	Not established	<b>Solubility in water:</b>	Soluble
<b>pH:</b>	7.5-8.5	<b>Octanol/Water Partition:</b>	See Sect 12
<b>Boiling Point/ Range:</b>	>100°C / 212°F	<b>VOC Content (g/L) (%):</b>	<10 (<1)
<b>Melting Point:</b>	Not established	<b>Specific Gravity @ 22.2°C:</b>	1.018
<b>Flash Point:</b>	>93.3°C / 200°F	<b>Pour Point:</b>	0°C / 32°F
<b>Method:</b>	Not applicable	<b>Non-volatile by Volume (%):</b>	<20
<b>Lower Explosive Limit, vol %:</b>	Not established	<b>Dielectric Strength (KV):</b>	Not applicable
<b>Upper Explosive Limit, vol %:</b>	Not established		

## 10. STABILITY AND REACTIVITY

**Stability:** Stable at ambient temperatures.

**Conditions to Avoid:** Avoid high temperatures.

**Hazardous Polymerization:** Will not occur.

**Materials to Avoid:** Reactive metals (e.g. sodium, calcium, zinc), bases, acids and oxidizing materials.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

**Product Information:** Not established

### Ingredient Information

Skn-Rbt LD50 >1,883 mg/kg, lhl-rat LC50: 1.15 mg/L 4 h

### Acute Effects

**Signs and Symptoms of Overexposure:** Skin irritation, Eye irritation, Coughing, Sneezing

**Inhalation:** Mist may cause coughing, sneezing and delayed lung injury.

**Skin Contact:** Causes irritation seen as itching and redness.

**Eye Contact:** Causes eye stinging, tearing and redness.

**Ingestion:** May cause pain, nausea, vomiting and diarrhea.

**Primary Route(s) of Exposure:** Eyes, Skin, Inhalation

**Primary Route(s) of Entry:** Inhalation, Ingestion

**Target Organs:** Eyes, Skin, Lungs

**Chronic Effects:** None known.

**Carcinogenicity:** Not established.

**Medical Conditions Aggravated by Exposure:** May aggravate existing skin, eye and respiratory conditions such as asthma and dermatitis.

## 12. ECOLOGICAL INFORMATION

**Product Data:** Not established

**Ingredient Data:** For Nonylphenol Ethoxylate family of materials

Moderately toxic to fish on an acute basis (LC50 between 1 and 10 mg/L).

Fish Acute & Prolonged Toxicity: LC50, Pimephales promelas (fathead minnow), 96 h: 1.2 - 9.3 mg/l

Aquatic Invertebrate Acute Toxicity: EC50, Daphnia magna (Water flea), 48 h, immobilization: 1.6 - 10 mg/l

Toxicity to Micro-organisms: EC50; Bacteria, 16 h: > 1,000 mg/l

### Elimination Information

**Persistence and Degradability:** Based on stringent OECD test guidelines, this material cannot be considered as readily biodegradable; however, these results do not necessarily mean it is not biodegradable under environmental conditions.

OECD Biodegradation Tests: < 60 % (28 d) OECD 301B Test

Theoretical Oxygen Demand: 2.4 - 2.5 mg/mg

Bioaccumulation: Bioconcentration potential is moderate (BCF between 100 and 3000 or Log Pow between 3 and 5).

Partition coefficient, n-octanol/water (log Pow): 3.7 - 4.5 Estimated.

Bioconcentration Factor (BCF): 7 - 110; Fish; Estimated.

### 13. DISPOSAL CONSIDERATIONS

**Product:** Dispose of in accordance with applicable regulations.

**Container:** Empty remaining contents. Empty containers should be taken for local recycling, recovery or waste disposal. Empty containers may contain residues. Do not cut, weld or grind empty containers.

### 14. TRANSPORT INFORMATION

**Road Transport**

Not regulated

**Sea Transport**

Not regulated

**Air Transport**

Not regulated

### 15. REGULATORY INFORMATION

**U.S. Federal Regulations**

**Toxic Substances Control Act (TSCA):** All components are included on the Inventory

**Superfund Amendments and Reauthorization Act (SARA) Title III:**

Immediate Hazard	Delayed Hazard	Fire Hazard	Pressure Hazard	Reactivity Hazard
Yes	No	No	No	No

### 16. OTHER INFORMATION

**Prepared by:** Corrosion Technologies, Technical Services Department

**Issue Date:** 8/29/2023

**Supersedes Date:** 2/28/2021

**Revision Indicator:** v 2.2

National Fire Protection Association (704)

Health: 1      Flammability: 1      Reactivity: 0      Other:

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