

# SAFETY DATA SHEET

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## SECTION 1 IDENTIFICATION

**MYRON L® COMPANY 2450 IMPALA DRIVE, CARLSBAD, CA 92010**

INFORMATION PHONE #: (760) 438-2021, contact either Jerry Adams or Gary Robinson

BUSINESS HOURS: Monday through Friday 7:00-3:30 p.m. (Pacific Time)

This and additional Myron L Safety Data Sheets (SDS) are available on the World Wide Web at: <http://www.myronl.com>

**PRODUCT:** Nitrate Interference Suppression Buffer

**CATALOG NUMBERS:** NISBSOL2oz, NISBSOLQ

## SECTION 2 HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

MAYBE HARMFUL IF NOT HANDLED CORRECTLY AND USED AS INTENDED.

### POTENTIAL HEALTH EFFECTS

**EFFECTS OF OVEREXPOSURE:** MAY CAUSE SERIOUS IRRITATION TO EYES, SKIN AND RESPIRATORY TRACT.

**ROUTES OF ENTRY:** INHALATION, INGESTION, EYE CONTACT AND SKIN CONTACT.

**CARCINOGENICITY:** NO INFORMATION AVAILABLE.

### GHS Pictogram



EXCLAMATION MARK

•Irritant •Skin Sensitizer •Acute Toxicity •Narcotic Effects  
•Respiratory Tract Irritant •Hazardous to Ozone Layer

**SIGNAL WORDS: WARNING**

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

**CHEMICAL NAME:** Nitrate Buffer Solution.

**CHEMICAL FAMILY:** N/A

**TRADE NAME & SYNONYMS:** NISB, Nitrate Interference  
Suppressor Solution.

**CAS #:** Aluminum Sulfate #10043-01-3  
Silver Sulfate #10294-26-5  
Boric Acid #10043-35-3  
Sulfamic Acid #5329-14-6  
Water #7732-18-15

**CHEMICAL FORMULA:** N/A

## SECTION 4 FIRST-AID MEASURES

### FIRST AID PROCEDURES:

#### EYE CONTACT:

IMMEDIATELY FLUSH EYES THOROUGHLY WITH WATER.

SEEK MEDICAL ATTENTION.

#### SKIN CONTACT:

WASH OFF WITH SOAP AND WATER. SEEK MEDICAL ATTENTION AS NEEDED.

#### INGESTION:

RINSE MOUTH WITH WATER AND THEN DRINK PLENTY OF WATER. DO NOT INDUCE VOMITTING.

SEEK MEDICAL ATTENTION.

## SECTION 5 FIRE-FIGHTING MEASURES

**FLASH POINT (TEST METHOD)**

N/A

**FLAMMABLE LIMITS**

N/A

**LeI** N/A

**UeI** N/A

**EXTINGUISHING MEDIA**

USE AN EXTINGUISHING AGENT SUITABLE FOR THE SURROUNDING FIRE.

**SPECIAL HAZARDS & PROCEDURES**

FIRE FIGHTERS SHOULD WEAR PROPER PROTECTIVE EQUIPMENT AND SELF CONTAINED  
BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE.

**UNUSUAL FIRE & EXPLOSION HAZARDS**

NO DATA AVAILABLE.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

CLEAN UP SPILL USING ABSORBENT MATERIALS. AVOID BREATHING VAPORS. DO NOT LET PRODUCT ENTER DRAINS.

## SECTION 7 HANDLING AND STORAGE

**HANDLING:** NORMAL USE DOES NOT GENERATE A HAZARDOUS SITUATION WHEN HANDLED IN ACCORDANCE WITH GOOD  
INDUSTRIAL HYGIENE AND SAFETY PRACTICES. COMPLY WITH INSTRUCTIONS FOR USE OF PERSONAL PROTECTIVE  
EQUIPMENT.

**STORAGE:** STORE AT ROOM TEMPERATURE. KEEP CONTAINER TIGHTLY CLOSED IN A DRY AND WELL-VENTILATED PLACE.

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## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**THRESHOLD LIMIT VALUE:** OSHA & ACGIH: ALUMINUM SULFATE: 2 mg (AL)/m<sup>3</sup>; SILVER SULFATE: 0.01 mg/m<sup>3</sup> TWA.  
**RESPIRATORY PROTECTION:** USE SELF CONTAINED BREATHING APPARATUS IF A RISK ASSESSMENT INDICATES NECESSITY.  
**VENTILATION:** USE GENERAL OR LOCAL EXHAUST VENTILATION.  
**EYE PROTECTION:** RECOMMENDED SAFETY GLASSES AND FACE SHIELD.  
**PROTECTIVE GLOVES:** RECOMMENDED GENERAL PURPOSE RUBBER GLOVES.  
**PROTECTIVE CLOTHING:** RECOMMENDED LAB COAT OR SAFETY APRON.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT, 760 mm Hg (°C)	100°C - 212°F	SPECIFIC GRAVITY	1.0
FREEZE POINT (°C)	Not Determined	SOLUBILITY IN H <sub>2</sub> O, % BY WT. @ 20°C	100%
VAPOR PRESSURE @ 20°C	No Data Available	APPEARANCE AND ODOR	CLEAR, COLORLESS, ODORLESS
VAPOR DENSITY	No Data Available		
PERCENT VOLATILES BY VOLUME	Not Determined	EVAPORATION RATE	Not Determined
		pH:	2.5pH-4.0pH

## SECTION 10 STABILITY AND REACTIVITY

<b>STABILITY:</b> Product is stable under normal conditions of use and storage.	<b>CONDITIONS TO AVOID</b> Extremes of temperature and direct sunlight.
<b>REACTIVITY:</b> No further relevant information available.	<b>MATERIALS TO AVOID</b> Acetylene, Ammonia, Hydrogen Peroxide

## SECTION 11 TOXICOLOGICAL INFORMATION

**TOXICITY DATA:** None of the ingredients of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP (National Toxicology Program).

**TOXICOLOGICAL FINDING:** No known significant effects or critical hazards.

## SECTION 12 ECOLOGICAL INFORMATION

**ECOTOXICITY:** No data available. No relevant information available.  
**OTHER ADVERSE EFFECTS:** No relevant information available.

## SECTION 13 DISPOSAL CONSIDERATIONS

**EPA WASTE NO. AND DISPOSAL TREATMENT:** NO CLASSIFICATION DETERMINED.

**NOTE:** ALWAYS CONTACT A PERMITTED WASTE DISPOSER (TSD) TO ASSURE COMPLIANCE AND ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

## SECTION 14 TRANSPORT INFORMATION

**DOT Shipping Name:**.....Not Regulated For Transport by US D.O.T.  
**DOT Number:**.....None  
**IATA/ICAO:**.....NOT DANGEROUS GOODS.

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## SECTION 15 REGULATORY INFORMATION

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**TSCA INVENTORY:** THE CAS NUMBER OF THIS PRODUCT IS LISTED ON THE TSCA INVENTORY.

**COMPONENT** ..... N/A  
**SARA EHS (302)** ..... N/A  
**SARA EHS TOQ (LBS)** ..... N/A  
**CERCLA RQ (LBS)** ..... N/A  
**OSHA FLOOR LIST** ..... N/A  
**SARA 313** ..... Subject to reporting levels: Silver sulfate CAS# 10294-26-5,  
Weight% = 0.1-1.0%, Sara 313 threshold values = 1.0%  
**DeMinimis for SARA 313 (%)** ..... N/A

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## SECTION 16 OTHER INFORMATION

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**DISCLAIMER:** This information is believed to be accurate and represents the best information currently available to us; however, we make no warranty of merchantability, or fitness for any particular use, or any other warranty, express or implied, with respect to this information, and we assume no liability resulting from the use of this information. Users should make their own investigations to determine the suitability of the information for their particular needs and purposes.

### NFPA Hazard Ratings

Health:	3
Flammability:	0
Reactivity:	0
Special Hazards:	0

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SDS APPROVED BY:

