

## SAFETY DATA SHEET

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifiers

Product name Nickel Ammonium Sulfate

CAS number 15699-18-0

Synonyms Ammonium Nickel Sulfate

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses Laboratory chemicals

#### 1.3 Details of the supplier of the safety data sheet

Company Lab Alley, LLC  
12501 Pauls Valley Road  
Austin, Texas 78737  
U.S.A.

Telephone 512-668-9918

Fax 512-886-4008

#### 1.4 Emergency telephone

<b>Emergency Phone #</b>	US & Canada: 1-800-535-5053	INFOTRAC
	International 1-352-323-3500	INFOTRAC

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Acute toxicity	Category 4
Skin sensitization	Category 1
Acute toxicity	Category 4
Respiratory sensitization	Category 1
Germ cell mutagenicity	Category 2
Specific target organ toxicity - repeated exposure	Category 1
Hazardous to the aquatic environment, short-term (Acute)	Category 1
Hazardous to the aquatic environment, long-term (Chronic)	Category 1

Carcinogenicity  
Reproductive toxicity

Category 1A  
Category 1B

## 2.2 GHS Label elements, including precautionary statements

<b>Pictogram</b>	
<b>Signal Word</b>	Danger

### Hazard statements

Harmful if swallowed  
May cause an allergic skin reaction  
Harmful if inhaled  
May cause allergy or asthma symptoms or breathing difficulties if inhaled  
Suspected of causing genetic defects  
Causes damage to organs through prolonged or repeated exposure  
Very toxic to aquatic life with long lasting effects.

### Precautionary statements.

Prevention	Wash thoroughly after handling Do not eat, drink or smoke when using this product. Avoid breathing dust/fume/gas/mist/vapors/spray Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection/hearing protection Use only outdoors or in a well-ventilated area. In case of inadequate ventilation wear respiratory protection Obtain, read and follow all safety instructions before use Do not breathe dust/fume/gas/mist/vapors/spray Avoid release to the environment.
Response	IF SWALLOWED: Get medical help Rinse mouth IF ON SKIN: Wash with plenty of water If skin irritation or rash occurs: Get medical help Specific treatment Take off contaminated clothing and wash it before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical help. If experiencing respiratory symptoms: Get emergency medical help immediately. IF exposed or concerned, get medical advice Get medical help if you feel unwell Collect spillage
Storage	Store locked up
Disposal	Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

## 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

No data available

## SECTION 3: Composition/information on ingredients

### 3.1 Components

Chemical name	Common name and synonyms	CAS number	Concentration
Nickel ammonium sulfate	-	15699-18-0	>95%

## SECTION 4: First aid measures

### 4.1 Description of first-aid measures

#### General advice

<b>If inhaled</b>	Move the victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a doctor immediately. Do not use mouth to mouth resuscitation if the victim ingested or inhaled the chemical.
<b>In case of skin contact</b>	Take off contaminated clothing immediately. Wash off with soap and plenty of water. Consult a doctor.
<b>In case of eye contact</b>	Rinse with pure water for at least 15 minutes. Consult a doctor.
<b>If swallowed</b>	Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor or Poison Control Center immediately.

### 4.2 Most important symptoms and effects, both acute and delayed

No data available

### 4.3 Indication of any immediate medical attention and special treatment needed

No data available

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media** Use dry chemical, carbon dioxide or alcohol-resistant foam.

**Unsuitable extinguishing media** No information available

### 5.2 Specific hazards arising from the substance or mixture

No data available

### 5.3 Special protective equipment and precautions for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

## 5.4 Further information

**Flash Point** No information available

**Autoignition Temperature** No information available

### Explosion limits

**Upper** No information available

**Lower** No information available

**Sensitivity to Mechanical Impact** No information available

**Sensitivity to Static Discharge** No information available

### NFPA

Health	Flammability	Instability	Physical hazards
-	-	-	-

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing mist, gas or vapors. Avoid contacting with skin and eye. Use personal protective equipment. Wear chemical impermeable gloves. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

### 6.2 Environmental precautions

Prevent further spillage or leakage if it is safe to do so. Do not let the chemical enter drains. Discharge into the environment must be avoided.

### 6.3 Methods and materials for containment and cleaning up

Collect and arrange disposal. Keep the chemical in suitable and closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

### 6.4 Reference to other sections

See section 2 for full list of hazard and precaution statements.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Precautions on safe handling

Handle in a well ventilated place. Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Use non-sparking tools. Prevent fire caused by electrostatic discharge steam.

#### Hygiene measures

No information available

## 7.2 Conditions for safe storage, including any incompatibilities

### Storage conditions

Store the container tightly closed in a dry, cool and well-ventilated place. Store apart from foodstuff containers or incompatible materials.

### Incompatibilities

No information available

## SECTION 8: Exposure controls/personal protection

### 8.1 Occupational exposure limits

No data available

### 8.2 Exposure controls

#### Appropriate engineering controls

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the risk-elimination area.

#### Personal protective equipment

##### Eye/face protection

Wear tightly fitting safety goggles with side-shields conforming to EN166(EU) or NIOSH(US)

##### Skin protection

Wear fire/flame resistant and impervious clothing. Handle with gloves. Gloves must be inspected prior to use. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU directive 89/686/EEC and the standard EN374 derived from it.

##### Respiratory protection

If the exposure limits are exceeded, irritation or other symptoms are experienced, use a full-face respirator.

##### Control of environmental exposure

No information available

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical State

Crystal solid

Appearance

Dark green

Odor	No information available
Odor Threshold	No information available
pH	No information available
Melting Point/Range	85-89°C(lit.)
Boiling Point/Range	330°C at 760mmHg
Evaporation Rate	No information available
Flammability (solid)	No data available
Flammability or explosive limit	No data available
Vapor Pressure	No data available
Vapor Density	No information available
Density	1.923
Solubility	No data available
Partition coefficient; n-octanol/water	No data available
Autoignition Temp	No data available
Decomposition Temp	No data available
Viscosity	No data available
Molecular Formula	No information available
Molecular Weight	No information available
VOC Content(%)	No information available
Oxidizing properties	No information available

## 9.2 Other safety information

No information available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

No data available

### 10.3 Possibility of hazardous reactions

No data available

### 10.4 Conditions to avoid

No data available

### 10.5 Incompatible materials

No data available

### 10.6 Hazardous decomposition products

No data available

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Product Information, Component Information

**Acute toxicity**

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Respiratory or skin sensitization**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

No data available

**Specific target organ toxicity - single exposure**

No data available

**Specific target organ toxicity - repeated exposure**

No data available

**Reproductive toxicity**

No data available

**Chronic effects**

No information available

**11.2 Additional Information**

No information available

**SECTION 12: Ecological information****12.1 Toxicity**

No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bio accumulative potential**

No data available

**12.4 Mobility in soil**

No data available

## 12.5 Results of PBT and vPvB assessment

No data available

## 12.6 Endocrine disrupting properties

No data available

## 12.7 Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1 Waste Disposal Methods

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

## SECTION 14: Transport information

**DOT (US)** Not regulated

**IMDG** Not regulated

**IATA** Not regulated

## SECTION 15: Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### **CERCLA Hazardous Substance List (40 CFR 302.4)**

Listed

### **SARA 304 Emergency release notification**

Not regulated

### **OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

Not regulated.

### **Superfund Amendments and Reauthorization Act of 1986 (SARA)**

#### **SARA 302 Extremely hazardous substance**

Not listed.

#### **SARA 311/312 Hazardous**

See section 2 for more information

#### **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**  
Not regulated

**FEMA Priority Substances Respiratory Health and Safety in the Flavor  
Manufacturing Workplace**  
Not listed

**US state regulations**

**US. Massachusetts RTK - Substance List**  
Not listed

**US. New Jersey Worker and Community Right-to-Know Act**  
Not listed

**US. Pennsylvania Worker and Community Right-to-Know Law**  
Not listed

**California Proposition 65**  
Not listed

**SECTION 16: Other information**

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Revision 0

**SECTION 17: Disclaimer**

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.