

## SAFETY DATA SHEET

Creation Date 24-Dec-2009

Revision Date 23-Jan-2018

Revision Number 4

### 1. Identification

**Product Name** Iron(III) nitrate nonahydrate

**Cat No. :** AC436810000; AC436810250

**CAS-No** 7782-61-8  
**Synonyms** Ferric nitrate

**Recommended Use** Laboratory chemicals.  
**Uses advised against** Food, drug, pesticide or biocidal product use.  
**Details of the supplier of the safety data sheet**

**Company**

Fisher Scientific  
One Reagent Lane  
Fair Lawn, NJ 07410  
Tel: (201) 796-7100

**Emergency Telephone Number**

For information **US** call: 001-800-ACROS-01 / **Europe** call: +32 14 57 52 11  
Emergency Number **US**:001-201-796-7100 / **Europe**: +32 14 57 52 99  
**CHEMTREC** Tel. No.**US**:001-800-424-9300 / **Europe**:001-703-527-3887

### 2. Hazard(s) identification

**Classification**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Label Elements**

**Signal Word**

Warning

**Hazard Statements**

May intensify fire; oxidizer  
Causes skin irritation  
Causes serious eye irritation  
May cause respiratory irritation



**Precautionary Statements**  
**Prevention**

Wash face, hands and an

**effects****Notes to Physician**

Treat symptomatically

**5. Fire-fighting measures****Suitable Extinguishing Media** Substance is nonflammable; use agent most appropriate to extinguish surrounding fire.**Unsuitable Extinguishing Media** No information available**Flash Point** Not applicable  
**Method -** No information available**Autoignition Temperature** No information available**Explosion Limits****Upper** No data available**Lower** No data available**Oxidizing Properties** Oxidizer**Sensitivity to Mechanical Impact** No information available**Sensitivity to Static Discharge** No information available**Specific Hazards Arising from the Chemical**

Oxidizer: Contact with combustible/organic material may cause fire. May ignite combustibles (wood paper, oil, clothing, etc.).  
Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.

**Hazardous Combustion Products**Nitrogen oxides (NO<sub>x</sub>).**Protective Equipment and Precautions for Firefighters**

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

**NFPA**

## 9. Physical and chemical properties

<b>Physical State</b>	Solid
<b>Appearance</b>	Purple
<b>Odor</b>	Odorless
<b>Odor Threshold</b>	No information available
<b>pH</b>	No information available
<b>Melting Point/Range</b>	47 °C / 116.6 °F
<b>B</b>	

**Incompatible Materials** Strong oxidizing agents, Combustible material, Organic materials, Strong reducing agents

**Hazardous Decomposition Products** Nitrogen oxides (NOx)

**Bioaccumulation/ Accumulation** No information available.

**Mobility** Will likely be mobile in the environment due to its water solubility.

### 13. Disposal considerations

**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.

### 14. Transport information

#### DOT

<b>UN-No</b>	UN1466
<b>Proper Shipping Name</b>	FERRIC NITRATE
<b>Hazard Class</b>	5.1
<b>Packing Group</b>	III

#### TDG

<b>UN-No</b>	UN1466
<b>Proper Shipping Name</b>	FERRIC NITRATE
<b>Hazard Class</b>	5.1
<b>Packing Group</b>	III

#### IATA

<b>UN-No</b>	UN1466
<b>Proper Shipping Name</b>	Ferric nitrate
<b>Hazard Class</b>	

**Iron(III) nitrate nonahydrate**

**Revision Date** 23-Jan-2018

			<b>Values %</b>
Iron(III) nitrate nonahydrate	7782-61-8	>95	1.0
Ferric nitrate	10421-48-4	-	1.0

**SARA 311/312 Hazard Categories** See section 2 for more information

**CWA (Clean Water Act)**

<b>Component</b>	<b>CWA - Hazardous Substances</b>	<b>CWA - Reportable Quantities</b>	<b>CWA - Toxic Pollutants</b>	<b>CWA - Priority Pollutants</b>
Ferric nitrate	X	1000 lb	-	-

**Clean Air Act** Not applicable

**OSHA** - Occupational Safety and Health Administration

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and LTd(y) Tj 90 0 Td(

transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text

**End of SDS**