

## TECHNICAL DATA SHEET

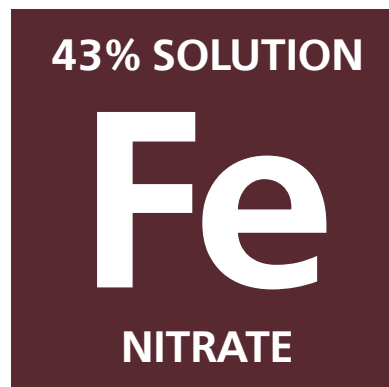
# FERRIC NITRATE 43% SOLUTION

### Chemical & Physical Properties

|                                |                            |
|--------------------------------|----------------------------|
| Chemical Formula               | $\text{Fe}(\text{NO}_3)_3$ |
| CAS Number                     | 10421-48-4                 |
| Specific Gravity @ 68°F (20°C) | 1.455                      |
| Salt-Out Temp                  | <40°F (-4°C)               |
| Color                          | Reddish brown              |
| Odor                           | No odor detected           |
| Weight per Gallon              | 12.13 lbs./gal (1.46 kg/L) |

### Typical Analysis

|                                               |         |
|-----------------------------------------------|---------|
| Ferric Nitrate ( $\text{Fe}(\text{NO}_3)_3$ ) | 43.0%   |
| Iron (Fe)                                     | 10.0%   |
| H <sub>2</sub> O Insolubles                   | < 0.01% |
| Chloride (Cl)                                 | < 0.01% |
| Copper (Cu)                                   | < 0.01% |
| Lead (Pb)                                     | < 0.01% |
| Zinc (Zn)                                     | < 0.01% |



### Description

Ferric Nitrate Solution,  $\text{Fe}(\text{NO}_3)_3$ , is a high-purity, reddish-brown solution. Ferric Nitrate Solution can be utilized in the manufacturing of catalysts and also has variety of other industrial applications including: electronics, dyeing and tanning.

### Availability

Ferric nitrate solution is available for shipment via:

Bulk Tanker: 48,000 lbs.  
275 Gallon IBC: 3,200 lbs.  
Drums: 600 lbs

### Shipping

Ferric Nitrate 43% Solution is classified as a hazardous material by the US Department of Transportation. The proper shipping name is: UN3093, Corrosive Liquid, Oxidizing, N.O.S. (Ferric Nitrate Solution)

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