

# Sulfuric Acid Safety and Tech Seminar

Helps fulfill DOT, TDG, OSHA and WHMIS training requirements

SpringHill Suites Greenville Downtown

Greenville, SC

September 22, 2022

[www.sulfuricacid.com](http://www.sulfuricacid.com)



Delivering *MORE* than H<sub>2</sub>SO<sub>4</sub>

[www.norfalco.com](http://www.norfalco.com)

A GLENCORE Company



# NorFalco Sulfuric Acid Safety Seminars

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NorFalco is committed to "Delivering More than H<sub>2</sub>SO<sub>4</sub>" with superior product stewardship and complimentary value-added services.

Each year NorFalco hosts Sulfuric Acid Safety Seminars for our customers and distribution partners. These seminars are offered free of charge to our business partners and selected guests.

We encourage our terminals, carriers and customers to invite response agencies and members of their local community as well. This includes local fire departments, police, ambulance, LEPC members, government reps and others.

During the seminars, NorFalco will share information on sulfuric acid properties, safety, emergency response, container design, safe shipping and handling, regulatory compliance, etc.

The seminars help fulfill training requirements required by OSHA, DOT, Canadian WHMIS and TDG regulations.

Training certificates are issued at the end of the seminar.

Continental Breakfast, refreshments, snacks and lunch are provided. Participants are asked to arrange their own transportation and accommodations as needed. Information on area lodging will be provided.



# Seminar Topics

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## **Sulfuric Acid Processes, Chemical and Physical Properties:**

A review of processes used to produce sulfuric acid, and acid's chemical and physical properties.

**Quality:** A review of product specifications and the relationship to common industry grades.

**Security:** A review of security issues/risk and available guidelines and resources.

## **Personal Protective Equipment (PPE) and First Aid:**

Recommended PPE for routine and non-routine jobs involving sulfuric acid, including a review of exposure first aid treatment.

**Incident Reporting and Emergency Response:** Sulfuric acid incidents review, emergency response considerations and incident reporting.

**Materials of Construction:** Various metals, non-metals and their performance in sulfuric acid service. Pumps, tanks, valves, piping and instrumentation will be covered. Temperature, concentration and velocity limits will also be discussed.

**Storage Tank Design/Inspection:** Cleaning, design and inspection techniques for sulfuric acid storage tanks for optimal tank life.

**Hoses:** Recommended acid hoses, fittings, inspection and testing regimes.

**Tank Truck Unloading:** Procedures for unloading sulfuric acid tank trucks.

**Tank Car Unloading:** Procedures for unloading acid tank cars to ensure all DOT and FRA regulations are met.

**Regulatory Updates:** Review of latest regulations affecting sulfuric acid transportation.



# Seminar Agenda

## SpringHill Suites Greenville Downtown – Birch Ballroom

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8:00	Registration & Breakfast *	12:00	Lunch *
9:00	Official Welcome	1:15	Materials of Construction
9:05	More Than H <sub>2</sub> SO <sub>4</sub>	1:40	Security
9:15	Manufacturing	1:55	Storage Tank Design, Cleaning & Inspection
9:30	Logistics & Supply Chain	2:15	Incidents, Reporting & Emergency Response
9:45	Quality	3:05	Wrap-up & Door Prizes
10:00	Break *	3:30	Adjourn for the day
10:30	Properties, Hazards, PPE & First-Aid		
11:10	Rail Cars and Unloading		
11:30	Truck Load/Unload, Racks & Filters		
11:50	Regulatory Updates		

\* All Meals and Refreshments provided by NorFalco

NorFalco is hosting a Cocktail Reception the evening before the seminar

Date & Time: Wednesday September 21st / 5:00 to 6:30PM

Location: SpringHill Suites Greenville Downtown

– Courtyard or Bee Hive (Weather wise)



# Registration

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Register online at: [www.norfalco.com](http://www.norfalco.com)

Feel free to forward the Seminar brochure to those in your organization that may be interested in participating. Space is limited, so sign up at your earliest opportunity.

1. Click on the [Sulfuric Acid Seminar](#) registration link found on the NorFalco home page

OR

2. Click on [News and Events](#) then [Training](#) and finally the [Register](#) button to sign up for this event.

If you have any issues or additional questions contact:

Yves Gilbert  
E-mail: [yves.gilbert@glencore.ca](mailto:yves.gilbert@glencore.ca)  
M: (450) 601-7403

Once your registration is confirmed, you will receive additional information; including room reservation details, directions etc.

**Seminar Date:** Thursday, September 22, 2022

**Registration deadline:** Friday, September 9, 2022

**Location:**

SpringHill Suites Greenville Downtown  
200 E. Washington Street  
Greenville, SC  
29601  
T: (864) 720-2901

**Parking at hotel:**

Overnight valet parking \$20.00  
Valet event parking \$10.00  
Self and city parking \$7.00/day



# NorFalco

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NorFalco is one of the largest merchant marketers of sulfuric acid in North America, selling and distributing about 1.4 million tons per year. NorFalco's extensive multi-modal distribution network, supplied by the modern metallurgical facilities of parent company Glencore, service customers from a wide variety of industries.

Please visit us at [www.norfalco.com](http://www.norfalco.com).

