



# MATHESON

## Nanochem® GuardBed™

Manufactured for Nippon Sanso Matheson by  SulfaTrap™



## Products For Desulfurization Of Hydrocarbons

Nippon Sanso Matheson is a leading supplier of deep desulfurization products and contaminant removal systems (e.g., oxygenates, metals, halides).

**Nanochem® GuardBed™** proprietary sorbents eliminate all sulfur contaminants ranging from hydrogen sulfide to complex thiophenes from a range of process streams. Nippon Sanso Matheson in cooperation with SulfaTrap provides our customers with bulk media and/ or fully customized turn-key purification solutions for various applications such as:

- Natural gas/Associated gas
- Biogas
- LPG
- C4/C5 fractions
- Natural Gas Oils
- Bio-ethanol
- Diesel fuel

### SORBENT FEATURES

- Near ambient temperature operation (-20° to 110°C)
- High capacity and removal efficiency for all sulfur species (reducing sulfur content to less than 5 ppbv)
- Tolerance to moisture and heavy hydrocarbons
- Easy disposal (no flammability, toxicity or pyrophorocity)
- Regenerable and/or expendable operation

**We work closely with you to engineer the best solution for your application.  
Protect your process with the **Nanochem® GuardBed™** family of sulfur sorbents!**

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