



# MATERIAL SAFETY DATA SHEET

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Effective Date: 1/1/09 Supercedes: 1/7/08

Emergency #: 405-745-2070

## SECTION I. IDENTIFICATION

PRODUCT NAME: **SULFURTRAP™ H2S SCAVENGER/CATALYST**

PROCESSORS NAME: Chemical Products Industries, Inc., 7649 Southwest 34th Street,  
Oklahoma City, OK 73179, (405/ 745-7800)

CAS #: 563-71-3

## SECTION II. COMPONENTS

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>% BY WT</u>
-Iron	563-71-3			proprietary
-Silica Crystalline Quartz (resperatable)	14808-60-7	0.1mg/m3	0.1mg/m3 (TWA)	5-10
-Aluminum Oxide (non-fibrous)	1344-28-1	5mg/m3	5mg/m3 (TWA)	
-Calcium Oxide	130-78-8	5mg/m3	5mg/m3 (TWA)	1-5

## SECTION III. PHYSICAL DATA

Boiling Point:	N/A	Density (lbs/ft <sup>3</sup> )	75.0
Vapor Pressure (mm/Hg):	N/A	Melting Point:	N/A
Vapor Density (air=1):	N/A	Evaporation Rate:	N/A
Solubility in Water:	Insoluble		
Appearance and Odor:	Brown to reddish-brown, no odor.		

## SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point:	Not Combustible
Flammable Limits:	LEL NA
Extinguishing Media:	Foam, Dry Chemical or Water
Special Fire Fighting Methods:	In the event of fire, take normal fire fighting precautions
Unusual Fire and explosion hazards:	Not combustible

## SECTION V. REACTIVITY DATA

Stability:	Stable under ordinary conditions of use and storage.
Conditions to avoid:	None known
Incompatibility:	None known
Hazardous Decomposition or By-products:	None known
Hazardous Polymerization:	Will not occur

## SECTION VI. HEALTH HAZARD DATA

Route of Entry: INHALATION: May cause irritation of mucous membrane or delayed respiratory

SULFURTRAP™ H2S SCAVENGER/CATALYST MSDS

disease if dust is inhaled over a prolonged period of time.

SKIN: No

INGESTION: Ingestion of mineral compounds may cause abdominal pain and nausea.

Health Hazards (Acute and Chronic):	Respiratory disease may result from prolonged overexposure. Can cause eye irritation.
Carcinogenicity:	NTP: No IARC Monographs: Yes (Silica)
Signs and Symptoms of Exposure:	Excessive inhalation of dust may result in shortness of breath and reduced pulmonary function and wheezing.
Aggravation of Pre-Existing Conditions:	Persons with impaired respiratory function may be more susceptible to the effects of this substance.
Emergency and First Aid Procedures:	IF INHALED, remove to fresh air and seek medical attention for any breathing difficulty. IN CASE OF EYE CONTACT, flush eyes immediately with water for at least 15 minutes. Seek medical attention if irritation persists. IF INGESTED, induce vomiting immediately by giving two glasses of water and sticking two fingers down throat. Never give anything by mouth to an unconscious person. Call physician immediately.

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**SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE**

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Material Release or Spill Precautions:	Should spill occur, ventilate area. Clean up with vacuum or broom keeping dust down to a minimum.
Waste Disposal:	Dispose of in an RCRA-approved waste facility.
Handling and Storing Precautions:	None

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**SECTION VIII. CONTROL MEASURES**

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Respiratory Protection:	Use NIOSH approved particulate respirator if dust generation is anticipated or occurs.
Ventilation:	Local exhaust is recommended to keep employee exposure limits below the Airborne Exposure Limits. Local exhaust is generally recommended because it can control the emissions of the contaminant at its source, preventing dispersion into the general area.
Protective Gloves:	Yes
Eye Protection:	Safety goggles are recommended.
Other Protective Clothing:	Use other protective equipment when necessary in order to avoid prolonged exposure to skin.
Work and Hygienic Practices:	Observe good personal hygiene. Wash after handling.

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**SECTION IX. - SARA TITLE III SECTION 313 SUPPLIER NOTIFICATION**

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This product does not contain chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-know Act of 1986 and of 40 CFR 372.45: this product also does not fall under the Hazardous Material Classification of the U.S. Department of Transportation's HM0181 regulation:

This information must be included in all MSDS's that are copies and distributed for this material.

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**SECTION X. OTHER INFORMATION**

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APPROVED BY: \_\_\_\_\_  
Floyd E. Farha, Ph.D.

DATE: 1/1/09  
SUPERCEDES: 1/7/08

^All terms and abbreviations have been defined in various government publications, or are standard chemical terms. The data and recommendations herein are based upon our own research and the research of others, and are believed to be accurate. However no warrantee or guarantee of their accuracy is made. The product is distributed without warrantee, expressed or implied, including the limited warranties of merchantability of fitness for a particular purpose.

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