



# MATERIAL SAFETY DATA SHEET

UPDATED 06-01-2121

## SECTION 1: IDENTIFICATION

TRADE NAME: (H2S)ZERO - SERIES 200 CATALYST

(H2S)ZERO, LLC  
14724 LONE STAR ROAD  
SAPULPA, OK 74066

EMERGENCY CONTACT: 918-384-9600

USAGE:

GRANULAR, SOLID H<sub>2</sub>S CATALYST SCAVENGER PELLET FOR USE IN THE REMOVAL OF H<sub>2</sub>S FROM ANY GAS FEED STREAM, OR RELATED SYSTEM

## SECTION 2: HAZARD(S) IDENTIFICATION

HMIS RATING:

HEALTH:	2
FIRE:	0
REACTIVITY	0

PRODUCT IS NON-HAZARDOUS; PRECAUTIONS:

- AVOID CREATING DUST
- WASH HANDS AND FACE PRIOR TO EATING

## SECTION 3: COMPOSITION INFORMATION

PRODUCT IS NON-HAZARDOUS AND IRON-OXIDE BASED AND NON-CARRIER SUPPORTED.

-THE EXACT AND SPECIFIC CHEMICAL IDENTITY AND PERCENTAGE COMPOSITION HAS BEEN WITHHELD

THIS PRODUCT IS NOT A "HAZARDOUS CHEMICAL" AS DEFINED BY THE OSHA HAZARDOUS COMMUNICATION STANDARD, 29 CFR 1910.1200



## SECTION 4: FIRST AIDE MEASURES

- GET MEDICAL ATTENTION IN ALL CASES OF OVEREXPOSURE.
- SKIN: WASH THOROUGHLY WITH SOAP AND WATER.
- EYES: FLUSH WITH COPIOUS AMOUNTS OF WATER AND SEEK MEDICAL ATTENTION IMMEDIATELY.
- INHALATION: MOVE TO FRESH AIR.
- INGESTION: DRINK LARGE AMOUNTS OF WATER. DO NOT INDUCE VOMITING.

## SECTION 5: FIRE-FIGHTING MEASURES

- EXTINGUISH MEDIA: WATER SPRAY, FOAM, OR CO<sub>2</sub>
- FIRE-FIGHTING PROCEDURES: PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS

UNUSUAL FIRE AND EXPLOSION HAZARD:	NONE
FLASH POINT:	N/A
FLAMABILITY LIMITS:	N/A

## SECTION 6: ACCIDENTAL RELEASE MEASURES

- MAY CONTAMINATE WATER SUPPLIES; PREVENT FLOW INTO SEWERS/PUBLIC WATERS

## SECTION 7: HANDLING AND STORAGE

- HANDLING:
  - COVER SKIN IF POSSIBLE - I.E. GLOVES, SLEEVES, ETC.
  - AVOID CREATING OR BREATHING DUST
  - WEAR EYE PROTECTION
- STORAGE
  - STORE IN DRY CONDITIONS



## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- EXPOSURE CONTROLS: N/A
- PERSONAL PROTECTION:
  - COVER SKIN IF POSSIBLE - I.E. GLOVES, SLEEVES, ETC.
  - AVOID CREATING OR BREATHING DUST
  - WEAR EYE PROTECTION

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: REDDISH BROWN SOLID  
EXPLOSIVE LIMITS: N/A  
ODOR: NONE  
VAPOR PRESSURE: N/A  
ODOR THRESHHOLD: N/A  
VAPOR DENSITY: N/A  
EVAPORATION RATE: N/A  
PARTITION COEFFICIENT: N/A  
DECOMPOSITION TEMP: N/A

PH: N/A  
RELATIVE DENSITY: 47 - 50 LBS./FT<sup>3</sup>  
MELTING POINT: N/A  
SOLUABILITY: INSOLUABLE IN WATER  
BOILING POINT AND RANGE: N/A  
FLASH POINT: N/A  
FALMMABILITY: N/A  
AUTO-IGNITION TEMP: N/A  
VISCOSITY: N/A

## SECTION 10: STABILITY AND REACTIVITY

- REACTIVITY
  - INCOMPATIBILITY: NONE KNOWN
  - HAZARDOUS DECOMPOSITION PRODUCTS: NONE KNOWN
- CHEMICAL STABILITY
  - STABILITY: STABLE
- OTHER
  - CONDITIONS TO AVOID: NONE KNOWN



## SECTION 11: TOXICOLOGICAL INFORMATION

- SKIN: WASH THOROUGHLY WITH SOAP AND WATER.
- EYES: FLUSH WITH COPIOUS AMOUNTS OF WATER AND SEEK MEDICAL ATTENTION IMMEDIATELY.
- INHALATION: MOVE TO FRESH AIR.
- INGESTION: DRINK LARGE AMOUNTS OF WATER. DO NOT INDUCE VOMITING.

NO OTHER TOXICOLOGICAL DATA AVAILABLE.

## SECTION 12: ECOLOGICAL INFORMATION

- ECOLOGICAL DATA NOT AVAILABLE

## SECTION 13: DISPOSAL CONSIDERATION

- PRODUCT IS NON-HAZARDOUS AND IRON-OXIDE BASED, AND SHOULD BE DISPOSED OF IN A LANDFILL

## SECTION 14: TRANSPORTATION

- PRODUCT IS NON-HAZARDOUS
- TRANSPORT IN DRY CONDITIONS

## SECTION 15: REGULATORY INFORMATION

- NO FURTHER REGULATORY INFORMATION IS AVAILABLE

## SECTION 16: OTHER

THE CONDITIONS OR METHODS OF HANDLING, STORAGE, USE AND DISPOSAL OF THE PRODUCT ARE BEYOND THE CONTROL OF (H<sub>2</sub>S)ZERO, LLC AND MAY BE BEYOND THE KNOWLEDGE OF (H<sub>2</sub>S)ZERO, LLC. (H<sub>2</sub>S)ZERO, LLC DOES NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIMS LIABILITY FOR LOSS, DAMAGE, OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE, OR DISPOSAL OF THE PRODUCT.