

## **HYDROGEN SULFIDE, TECHNICAL**

### **MSDS Number**

BDJRG

### **National Stock Number**

6830-00-209-8029

### **Product Name**

HYDROGEN SULFIDE, TECHNICAL

### **Manufacturer**

PPG INDUSTRIES INC

### **Product Identification**

Product ID: HYDROGEN SULFIDE, TECHNICAL

MSDS Date: 01/01/1987

FSC: 6830

NIIN: 00-209-8029

MSDS Number: BDJRG

### **Responsible Party**

PPG INDUSTRIES, INC.

1 PPG PL

PITTSBURGH, PA 15272

US

Cage: G0796

### **Contractor**

PPG INDUSTRIES, INC. COATINGS TRESINS DIV.

PITTSBURGH, PA 15272

US

1-800-245-2974 (CAL HYPO)

Cage: G0796

### **Ingredients**

HYDROGEN SULFIDE (SARA III)

CAS: 7783-06-4

RTECS: MX1225000

Fraction By Weight: 100%.

OSHA PEL(C), 20 PPM

ACGIH TLV: 10 PPM/15 STEL; 9293

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

### **Hazards**

Effects of Overexposure: TOX & IRRIT. GAS WHOS. EFFECTS ARE EXERTD ON RESPIR, GASTROINT, & CNTL NERV SYS. SEE CASE HISTORY 86301A

### **First Aid**

First Aid: INHAL: REMOVE TO FRESH AIR. IF NOT BREATHING GIVE CPR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL DR. EYES/SKIN CONTACT: FLUSH W/WATER FOR 15 MIN. CALL DR. --NOTE TO DOCTOR: SEE CASE HISTORY 86301A.

## Fire Fighting

Autoignition Temp:Autoignition Temp Text:500F  
Lower Limits:4.  
Upper Limits:44.  
Fire Fighting Procedures:WEAR SELF-CNTND BRTHG APP  
Unusual Fire/Explosion Hazard:FLASHBACK ALONG VAPOR TRAIL MAY OCCUR;  
VAP MAY EXPL. IF IGNITED IN AN ENCLOSED AREA.

## Accidental Release

Spill Release Procedures:LEAVE AREA PROMPTLY.MOVE CROSSWAY TO  
WIND.ESSENTIAL EQUIPM.:1.SCBA/2.SOLN TKS TO NEUTRLZ.HYD.SULF/3.LEAD  
ACETATE PAPER FOR LOCATING LEAK/4.CAPPING KITS TO SEAL OFF LEAKS IN  
CYLINDERS.

## Handling

Handling and Storage Precautions:1.STO.AWAY FROM OXID.AGTS/2.STO.IN  
VENTIL.AREAS/3.NEVER MANIFOLD CNTNRS/4.STORE IN  
COOL,VENTIL.AREA/5.WEAR SCBA IF EXPOSD TO MIST.  
Other Precautions:1.DO NOT BREATH GAS/2.AVOID CONTACT W/EYES/3.USE  
ADEQ.VENTIL/4.DO NOT EAT,DRINK,SMOKE IN AREA.

## Exposure Controls

Respiratory Protection:IF EXCED TLV,NIOSH/MSHA APPR SELF-CNTND BRTHG  
APP (POS PR MODE)  
Ventilation:PROVIDE MECHAN(GEN/LOCAL EXHAUST)VENT TO MAINTN Protective Gloves:NEOPRENE  
Eye Protection:GOGGLES  
Other Protective Equipment:BOOTS,APRONS OR CHEM.SUITS,CONTINUOUS  
MONITOR & ALARM SYST.  
Supplemental Safety and Health  
MSDS DATED JUNE 83.

## Chemical Properties

HCC:G8  
Boiling Pt:B.P. Text:-77F/-61C  
Vapor Pres:20.  
Vapor Density:1.19  
Spec Gravity:0.96  
Solubility in Water:SLIGHT  
Appearance and Odor:COLORLESS GAS,ROTTEN EGG ODOR  
Percent Volatiles by Volume:100.

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS.  
Hazardous Decomposition Products:BURNING HYDR.SULFIDE PRODUCES TOXIC  
SULFUR DIOXIDE GAS.

## Disposal

Waste Disposal Methods:EMPTY LEAKING CNTNR IN 25% CAUSTIC SODA  
SOLN.DISPOSAL OF SOLN OF NEUTRALZD H\*2S MUST BE AT AN APPROVED HAZ  
WST MNGMT FACILITY.DISPOSE OF IAW LOCAL,STATE & FEDERAL  
REGULATIONS.

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