



# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

## 25 ppm hydrogen sulphide / nitrogen

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Version:

SDS reference: 34DAH2SN-0025MB

**Warning**



### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Trade name : 25 ppm hydrogen sulphide / nitrogen  
SDS no : 34DAH2SN-0025MB

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses : No additional information available

#### 1.3. Details of the supplier of the safety data sheet

Company identification : Gasco  
320 Scarlet Blvd, Oldsmar, Florida  
34677, United States of America  
www.gascogas.com


#### 1.4. Emergency telephone number

Emergency telephone number : 1-703-527-3887

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :   
GHS04

Signal word (CLP) : Warning  
Hazard statements (CLP) : H280 - Contains gas under pressure; may explode if heated.

Precautionary statements (CLP)  
- Storage : P410+P403 - Protect from sunlight. Store in a well-ventilated place.

##### Labelling according to Directive 67/548/EEC or 1999/45/EC

No labelling applicable

#### 2.3. Other hazards

: No additional information available

### SECTION 3: Composition/information on ingredients

**3.1. Substances** : Not applicable

**3.2. Mixtures**

| Name              | Product identifier  | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP]   |
|-------------------|---|---------|---|
| Nitrogen          | (CAS-No.) 7727-37-9<br>(EC-No.) 231-783-9<br>(EC Index-No.)<br>(REACH-no) *1                            | 99.9975 | Press. Gas (Comp.), H280  |
| Hydrogen sulphide | (CAS-No.) 7783-06-4<br>(EC-No.) 231-977-3<br>(EC Index-No.) 016-001-00-4<br>(REACH-no) 01-2119445737-29 | 0.0025  | Flam. Gas 1, H220<br>Press. Gas (Liq.), H280<br>Acute Tox. 2 (Inhalation:gas), H330<br>STOT SE 3, H335<br>Aquatic Acute 1, H400 |

Full text of R- and H-statements: see section 16

*Contains no other components or impurities which will influence the classification of the product.*

\*1: Listed in Annex IV / V REACH, exempted from registration.

\*2: Registration deadline not expired.

\*3: Registration not required: Substance manufactured or imported < 1t/y.

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

- Inhalation : Assure fresh air breathing.  
Allow the victim to rest.
- Skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- Eye contact : Rinse immediately with plenty of water.  
Obtain medical attention if pain, blinking or redness persists.
- Ingestion : Rinse mouth.  
Do NOT induce vomiting.  
Obtain emergency medical attention.

**4.2. Most important symptoms and effects, both acute and delayed**

No additional information available

**4.3. Indication of any immediate medical attention and special treatment needed**

No additional information available

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

- Suitable extinguishing media : Foam.  
Dry powder.  
Carbon dioxide.  
Water spray.  
Sand.
- Unsuitable extinguishing media : Do not use a heavy water stream.

**5.2. Special hazards arising from the substance or mixture**

No additional information available

**5.3. Advice for firefighters**

No additional information available

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

No additional information available

**6.2. Environmental precautions**

- : Prevent entry to sewers and public waters.
- Notify authorities if liquid enters sewers or public waters.

**6.3. Methods and material for containment and cleaning up**

No additional information available

**6.4. Reference to other sections**

- : See Heading 8.
- Exposure controls and personal protection.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

No additional information available

**7.2. Conditions for safe storage, including any incompatibilities**

No additional information available

**7.3. Specific end use(s)**

No additional information available

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****8.2. Exposure controls****8.2.1. Appropriate engineering controls**

: No additional information available

**8.2.2. Individual protection measures, e.g. personal protective equipment**

: No additional information available

• Eye/face protection : Chemical goggles or safety glasses.

• Skin protection

- Hand protection : Wear protective gloves.

- Other : Do not eat, drink or smoke during use.

• Respiratory protection : Wear appropriate mask.

• Thermal hazards : No additional information available

**8.2.3. Environmental exposure controls**

: No additional information available

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties****Appearance**

- Physical state at 20°C / 101.3kPa : Gas
  - Colour : Colourless
- Odour : characteristic
- Odour threshold :
- Flammability (solid, gas) : Non flammable
- Explosive limits :

**9.2. Other information****SECTION 10: Stability and reactivity****10.1. Reactivity**

: No additional information available

**10.2. Chemical stability**

: Not established.

**10.3. Possibility of hazardous reactions**

: Not established.

**10.4. Conditions to avoid**: Direct sunlight.  
Extremely high or low temperatures.**10.5. Incompatible materials**: Strong acids.  
Strong bases.**10.6. Hazardous decomposition products**: fume.  
Carbon monoxide.  
Carbon dioxide.**SECTION 11: Toxicological information****11.1. Information on toxicological effects****12.1. Toxicity**

- EC50 48h - Daphnia magna [mg/l] : No data available.
- EC50 72h - Algae [mg/l] : No data available.
- LC50 96 h - Fish [mg/l] : No data available.

**Hydrogen sulphide (7783-06-4)**

|                                 |               |
|---------------------------------|---------------|
| EC50 48h - Daphnia magna [mg/l] | 0.12 mg/l     |
| EC50 72h - Algae [mg/l]         | 1.87 mg/l     |
| LC50 96 h - Fish [mg/l]         | 0.007 - 0.019 |

**Nitrogen (7727-37-9)**

|                                 |                    |
|---------------------------------|--------------------|
| EC50 48h - Daphnia magna [mg/l] | No data available. |
| EC50 72h - Algae [mg/l]         | No data available. |
| LC50 96 h - Fish [mg/l]         | No data available. |

**12.2. Persistence and degradability**

Assessment : Not established.

**12.3. Bioaccumulative potential**

Assessment : Not established.

**12.4. Mobility in soil**

No additional information available

**12.5. Results of PBT and vPvB assessment**

No additional information available

**12.6. Other adverse effects**

Effect on the ozone layer : No additional information available

Effect on global warming : No known effects from this product.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

List of hazardous waste codes (from Commission Decision 2001/118/EC) : No additional information available

**13.2. Additional information**

: No additional information available

**SECTION 14: Transport information****14.1. UN number**

UN-No. : 1956

**14.2. UN proper shipping name****Transport by road/rail (ADR/RID)** : COMPRESSED GAS, N.O.S. (hydrogen sulphide, nitrogen)**Transport by air (ICAO-TI / IATA-DGR)** : Compressed gas, n.o.s. (hydrogen sulphide, nitrogen)**Transport by sea (IMDG)** : COMPRESSED GAS, N.O.S. (hydrogen sulphide, nitrogen)**14.3. Transport hazard class(es)****Labelling**

2.2 : Non-flammable, non-toxic gases.

**Transport by road/rail (ADR/RID)**

Class : 2

Classification code : 1A

Hazard identification number : 20

Tunnel Restriction : E - Passage forbidden through tunnels of category E

**Transport by air (ICAO-TI / IATA-DGR)**

Class / Div. (Sub. risk(s)) : 2.2

**Transport by sea (IMDG)**

Class / Div. (Sub. risk(s)) : 2.2

Emergency Schedule (EmS) - Fire : F-C

Emergency Schedule (EmS) - Spillage : S-V

**14.4. Packing group**

Transport by road/rail (ADR/RID) : Not applicable  
 Transport by air (ICAO-TI / IATA-DGR) : Not applicable  
 Transport by sea (IMDG) : Not applicable

**14.5. Environmental hazards**

Transport by road/rail (ADR/RID) : None.  
 Transport by air (ICAO-TI / IATA-DGR) : None.  
 Transport by sea (IMDG) : None.

**14.6. Special precautions for user**

**Packing Instruction(s)**

Transport by road/rail (ADR/RID) : P200  
 Transport by air (ICAO-TI / IATA-DGR)  
     Passenger and Cargo Aircraft : 200.  
     Cargo Aircraft only : 200.  
 Transport by sea (IMDG) : P200

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

: Not applicable.

**SECTION 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**EU-Regulations**

No additional information available

**National regulations**

Water hazard class (WGK) :

**15.2. Chemical safety assessment**

: No chemical safety assessment has been carried out.

**SECTION 16: Other information**

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Further information : None.

Full text of H- and EUH-statements

|                               |  |
|-------------------------------|--|
| Acute Tox. 2 (Inhalation:gas) | Acute toxicity (inhalation:gas) Category 2   |
| Aquatic Acute 1               | Hazardous to the aquatic environment — Acute Hazard, Category 1                            |
| Flam. Gas 1                   | Flammable gases, Category 1  |
| Press. Gas (Comp.)            | Gases under pressure : Compressed gas  |
| Press. Gas (Liq.)             | Gases under pressure : Liquefied gas   |
| STOT SE 3                     | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |
| H220                          | Extremely flammable gas  |
| H280                          | Contains gas under pressure; may explode if heated   |



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|      |                                  |
|------|----------------------------------|
| H330 | Fatal if inhaled                 |
| H335 | May cause respiratory irritation |
| H400 | Very toxic to aquatic life       |

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