

## SAFETY DATA SHEET

### GAS I ENGÅNGSBEHÅLLARE 220884 24560500

Last changed: 25/06/2012

Internal No: 24560500

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

##### 1.1 Product identifier

Trade name / designation GAS I ENGÅNGSBEHÅLLARE 220884 24560500

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

RELEVANT IDENTIFIED USES Gases

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

###### NATIONAL MANUFACTURER/IMPORTER

Enterprise SIEVERT AB  
Address BOX 1366  
Country SVERIGE  
Telephone +46 8 629 2211

#### 2 Hazards identification

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

DPD Classification: F+; R12

CLP Classification: Flam. Gas 1H220

Most important HSE hazard effects: Extremely flammable gas.

##### 2.2 Label elements



Signal word: None

EC-Label: No

###### COMPOSITION

PROPAN (> 95 %)

###### H Statements

H220 Extremely flammable gas.

##### 2.3 Other hazards

#### 3 Composition/information on ingredients

##### 3.2 Mixtures

Ingredient name	Reg.No	EC No.	CAS No.	Conc. (wt%)	DPD-Classification	CLP-classification
PROPAN		200-827-9	74-98-6	> 95 %	F+,R12	Flam. Gas 1 H220

Full text of R-, H- and EUH-phrases: see section 16.

The EUH hazard statements mentioned in CLP-classification are only label elements.

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#### **4 First aid measures**

##### **4.1 Description of first aid measures**

###### **INHALATION**

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

###### **INGESTION**

Contact physician if symptoms appears.

###### **SKIN CONTACT**

In the event of frostbite, rinse immediately with lukewarm water until blood circulation is restored (colour is restored). Contact physician.

###### **EYE CONTACT**

Important! Immediately rinse with water for at least 15 minutes. Get medical attention if any discomfort continues.

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

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

#### **5 Fire-fighting measures**

##### **5.1 Extinguishing media**

###### **SUITABLE EXTINGUISHING MEDIA:**

Extinguishing agent: carbon dioxide, powder or sand.

###### **UNSUITABLE EXTINGUISHING MEDIA**

Do not use water.

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

##### **5.3 Advice for fire-fighters**

#### **6 Accidental release measures**

##### **6.1 Personal precautions, protective equipment and emergency procedures**

###### **PERSONAL PRECAUTIONS**

Wear necessary protective equipment. Keep trespassers away from danger area. Keep the emission separate from sources of ignition.

##### **6.2 Environmental precautions**

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

###### **METHODS AND MATERIAL**

Use only in well-ventilated areas. Do not use water.

##### **6.4 Reference to other sections**

#### **7 Handling and Storage**

##### **7.1 Precautions for safe handling**

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#### PRECAUTION FOR SAFE HANDLING

Use only in well-ventilated areas. Always keep away from sources of ignition. No smoking. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

#### 7.2 Conditions for safe storage, including any incompatibilities

##### CONDITION FOR SAFE STORAGE, INCLUDING ANY UNCOMPATIBILITIES

Keep in a cool, well-ventilated place. Store dry.

#### 7.3 Specific end uses

##### OTHER INFORMATION

Avoid high temperatures and direct sunlight.

### 8 Exposure controls / Personal protection

#### 8.1 Control parameters

#### 8.2 Exposure controls

### 9 Physical and chemical Properties

#### 9.1 Information on basic physical and chemical properties

**PHYSICAL STATE** Gas.

**COLOUR** Colourless.

**ODOUR** Sweet.

**WATER SOLUBILITY** Not miscible with water.

Parameter	Value/unit	Method/reference	Observation
pH concentrate	No data		
pH in solution	No data		
Melting point	No data		
Freezing point	No data		
Initial boiling point and boiling range	~ -42 °C		
Flash point	No data		
Evaporation rate	No data		
Flammability (solid, gas)	No data		
Flammability limits	No data		
Explosion limits	2,1 - 9,5 %		
Vapour pressure	9 mbar	20°C	
Vapour density	No data		
Relative density	No data		
Partition coefficient	No data		1)
Auto-ignition temperature	No data		
Decomposition temperature	No data		
Viscosity	No data		

#### 9.2 Other safety information

Parameter	Value/unit	Method/reference	Observation
Density	0,5 g/cm <sup>3</sup>	20°C	

Note no.	Comments
1	Not translated to English

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#### **10 Stability and Reactivity**

##### **10.1 Reactivity**

##### **10.2 Chemical stability**

###### **CHEMICAL STABILITY**

Stable under recommended storage and handling conditions.

##### **10.3 Possibility of hazardous reactions**

##### **10.4 Conditions to avoid**

##### **10.5 Incompatible materials**

##### **10.6 Hazardous decomposition products:**

#### **11 Toxicological information**

##### **11.1 Toxicological effects**

###### **ACUTE TOXICITY - DERMAL**

May cause frostbite.

###### **ACUTE TOXICITY - INHALATION**

Narcotic effect. At high contents, unconsciousness, and at very high contents, suffocation due to oxygen deficiency. Risk of fatality.

###### **SERIOUS EYE DAMAGE/IRRITATION**

May cause frostbite.

#### **12 Ecological information**

##### **12.1 Toxicity**

##### **12.2 Persistence and degradability**

##### **12.3 Bioaccumulative potential**

##### **12.4 Mobility in soil**

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

##### **12.6 Other adverse effects**

#### **13 Disposal considerations**

##### **13.1 Waste treatment methods**

###### **GENERAL REGULATIONS**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Must not be discharged into the sewage system. Dump or destroy in accordance with official recommendations and applicable legislation.

#### **14 Transport information**

Classified as Dangerous Goods: Yes

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#### Land transport (ADR/RID)

<p>14.1 UN-No.</p> <p>14.2 Proper Shipping Name: Not translated to English</p> <p>14.3 Class(es): 2</p> <p>Hazard label(s): 2.1</p> <p>Hazard ID:</p>	<p>14.4 Packing group</p> <p>14.5 Environmental hazards</p>  <p>Tunnel restriction code</p>
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#### Inland water ways transport (ADN)

<p>14.1 UN-No.</p> <p>14.2 Proper Shipping Name: Not translated to English</p> <p>14.3 Class(es):</p> <p>Environmentally hazardous in tank-vessels</p>	<p>14.4 Packing group</p> <p>14.5 Environmental hazards</p>
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#### Sea transport (IMDG)

<p>14.1 UN-No.</p> <p>14.2 Proper Shipping Name</p> <p>14.3 Class(es): 2</p> <p>Sub Risk: IMDG Code segregation group</p> <p>Marine pollutant: No</p> <p>EMS:</p>	<p>14.4 Packing group</p> <p>14.5 Environmental hazards</p>
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#### Air transport (ICAO-TI / IATA-DGR)

<p>14.1 UN-No.</p> <p>14.2 Proper Shipping Name</p> <p>14.3 Class(es): 2</p> <p>Hazard label(s): 2.1</p>	<p>14.4 Packing group</p> <p>14.5 Environmental hazards</p>
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### 15 Regulatory information

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

15.2 Chemical Safety Assessment

### 16 Other information

#### LIST OF RELEVANT R-PHRASES

R12 Extremely flammable.

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<b>LIST OF RELEVANT H-STATEMENTS</b>
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H220      Extremely flammable gas.
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