

## SAFETY DATA SHEET

### GAS ENGÅNGSBEHÅLLARE MAPP 2211 24560807

Last changed: 02/07/2012

Internal No: 24560807

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

##### 1.1 Product identifier

Trade name / designation GAS ENGÅNGSBEHÅLLARE MAPP 2211 24560807

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

RELEVANT IDENTIFIED USES Gases

##### Vendor art. number

221183

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

##### NATIONAL MANUFACTURER/IMPORTER

Enterprise SIEVERT AB  
Address BOX 1366  
Postal code 171 26 SOLNA  
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

Propylen (99,5 - 100 %), PROPAN (0 - 0,5 )

##### H Statements

H220 Extremely flammable gas.

##### P Statements

P102 Keep out of reach of children.  
P403 Store in a well-ventilated place.  
P210 Not translated to English

##### 2.3 Other hazards

## SAFETY DATA SHEET

### GAS ENGÅNGSBEHÅLLARE MAPP 2211 24560807

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#### OTHER HAZARDS

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

### 3 Composition/information on ingredients

#### 3.2 Mixtures

Ingredient name	Reg.No	EC No.	CAS No.	Conc. (wt%)	DPD-Classification	CLP-classification
Propylen		204-062-1	115-07-1	99,5 - 100 %	F+,R12	Flam. Gas 1 H220
PROPAN		200-827-9	74-98-6	0 - 0,5	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.

### 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

Consult a doctor if symptoms should occur.

##### 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, foam 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. Eliminate all sources of ignition.

## SAFETY DATA SHEET

### GAS ENGÅNGSBEHÅLLARE MAPP 2211 24560807

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#### 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 rinse with water.

#### 6.4 Reference to other sections

### 7 Handling and Storage

#### 7.1 Precautions for safe handling

##### 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. Take precautionary measures against static discharges.

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

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

Keep in a cool place. Store dry. Avoid high temperatures and direct sunlight. Use only in well-ventilated areas.

#### 7.3 Specific end uses

### 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** Odourless.

**WATER SOLUBILITY** Not miscible with water.

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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	~ -47 °C		
Flash point	No data		
Evaporation rate	No data		
Flammability (solid, gas)	No data		
Flammability limits	497 °C		
Explosion limits	2 - 11 %		
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	0,6 g/cm <sup>3</sup>	20°C	
Molecular weight	Ca 58		
Odour threshold	>4% i luft		

Note no.	Comments
1	Not translated to English

## 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

May have an anaesthetizing or narcotic effect at high concentrations. At high contents, unconsciousness, and at very high contents, suffocation due to oxygen deficiency. Risk of fatality.

## 12 Ecological information

## SAFETY DATA SHEET

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**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

**Land transport (ADR/RID)**

14.1 UN-No.	1077	14.4 Packing group	
14.2 Proper Shipping Name	Not translated to English	14.5 Environmental hazards	
14.3 Class(es)	2		
Hazard label(s)	2.1		
Hazard ID:		Tunnel restriction code	

**Inland water ways transport (ADN)**

14.1 UN-No.	1077	14.4 Packing group	
14.2 Proper Shipping Name	Not translated to English	14.5 Environmental hazards	
14.3 Class(es)	2		
Environmentally hazardous in tank-vessels			

**Sea transport (IMDG)**

14.1 UN-No.	1077	14.4 Packing group	
14.2 Proper Shipping Name		14.5 Environmental hazards	
14.3 Class(es)	2		
Sub Risk:			
IMDG Code segregation group			
Marine pollutant	No		
EMS:			

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#### Air transport (ICAO-TI / IATA-DGR)

14.1 UN-No.	1077	14.4 Packing group
14.2 Proper Shipping Name		14.5 Environmental hazards
14.3 Class(es)	2	
Hazard label(s)	2.1	

#### 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.

##### LIST OF RELEVANT H-STATEMENTS

H220 Extremely flammable gas.