

SAFETY DATA SHEET

GAS I ENGÅNGSBEHÅLLARE 2206-84 24560401

Last changed: 25/06/2012

Internal No: 24560401

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

1.1 Product identifier

Trade name / designation GAS I ENGÅNGSBEHÅLLARE 2206-84 24560401

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

RELEVANT IDENTIFIED USES Gases

Vendor art. number

220684

1.3 Details of the supplier of the safety data sheet

NATIONAL MANUFACTURER/IMPORTER

Enterprise Sievert AB
Address Box 1366
Country Sverige
E-mail info@sievert.se
Telephone +46 8 629 22 00

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

Isobutane (10 - 25 %), Propylen (50 - 100 %)

H Statements

H220 Extremely flammable gas.

2.3 Other hazards

3 Composition/information on ingredients

3.2 Mixtures

SAFETY DATA SHEET

GAS I ENGÅNGSBEHÅLLARE 2206-84 24560401

Last changed: 25/06/2012

Internal No: 24560401

Ingredient name	Reg.No	EC No.	CAS No.	Conc. (wt%)	DPD-Classification	CLP-classification
Isobutane		200-857-2	75-28-5	10 - 25 %	F+,R12	Flam. Gas 1 H220
Propylen		204-062-1	115-07-1	50 - 100 %	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

May cause frostbite. 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.

SAFETY DATA SHEET

GAS I ENGÅNGSBEHÅLLARE 2206-84 24560401
--

Last changed: 25/06/2012

Internal No: 24560401

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.

7.2 Conditions for safe storage, including any incompatibilities

CONDITION FOR SAFE STORAGE, INCLUDING ANY UNCOMPATIBILITIES

Store dry. Keep in a cool place. Effective ventilation is a prerequisite.

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	~ -47 °C		
Flash point	No data		
Evaporation rate	No data		
Flammability (solid, gas)	No data		
Flammability limits	No data		
Explosion limits	1,8 - 10,9 %		
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

SAFETY DATA SHEET

GAS I ENGÅNGSBEHÅLLARE 2206-84 24560401
--

Last changed: 25/06/2012

Internal No: 24560401

Parameter	Value/unit	Method/reference	Observation
Density	0,6 g/cm ³	20°C	

Note no.	Comments
1	Not translated to English 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

Narcotic effect. At high contents, unconsciousness, and at very high contents, suffocation due to oxygen deficiency. May cause breathing difficulties and unconsciousness. 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

SAFETY DATA SHEET

GAS I ENGÅNGSBEHÅLLARE 2206-84 24560401
--

Last changed: 25/06/2012

Internal No: 24560401

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.

CATEGORY OF WASTE

EWC 16 05 04

14 Transport information

Classified as Dangerous Goods: Yes

Land transport (ADR/RID)

14.1 UN-No.	1011	14.4 Packing group	
14.2 Proper Shipping Name		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.	1011	14.4 Packing group	
14.2 Proper Shipping Name		14.5 Environmental hazards	
14.3 Class(es)			
Enviromentally hazardous in tank-vessels			

Sea transport (IMDG)

14.1 UN-No.	1011	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:			

Air transport (ICAO-TI / IATA-DGR)

14.1 UN-No.	1011	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

SAFETY DATA SHEET

GAS I ENGÅNGSBEHÅLLARE 2206-84 24560401
--

Last changed: 25/06/2012

Internal No: 24560401

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.
------	--------------------------