

SAFETY DATA SHEET

GAS I ENGÅNGSBEHÅLLARE 2203-83 24560252

Last changed: 25/06/2012

Internal No: 24560252

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

1.1 Product identifier

Trade name / designation GAS I ENGÅNGSBEHÅLLARE 2203-83 24560252
GROUP NAME Gasolflaskor och tillbehör

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

Vendor art. number

220383

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

PROPAN (35 %), Butan (65 %)

H Statements

H220 Extremely flammable gas.

2.3 Other hazards

3 Composition/information on ingredients

3.2 Mixtures

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Ingredient name	Reg.No	EC No.	CAS No.	Conc. (wt%)	DPD-Classification	CLP-classification
PROPAN		200-827-9	74-98-6	35 %	F+,R12	Flam. Gas 1 H220
Butan		203-448-7	106-97-8	65 %	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, 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.

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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, well-ventilated place. Store dry.

7.3 Specific end uses

SPECIFIC END USE(S)

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 Characteristic.

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	-44 °C		
Flash point	< 0 °C		
Evaporation rate	No data		
Flammability (solid, gas)	No data		
Flammability limits	No data		
Explosion limits	1,5 - 10,9 %		
Vapour pressure	No data		
Vapour density	No data		
Relative density	No data		
Partition coefficient	No data		
Auto-ignition temperature	No data		
Decomposition temperature	No data		
Viscosity	No data		

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9.2 Other safety information

Parameter	Value/unit	Method/reference	Observation
Density	0,55 kg/m ³	20°C	
Antändningstemperatur	365°C		
Ångtryck vid 20°C	4,01 bar		

Note no.	Comments

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. May cause breathing difficulties and unconsciousness. Gas or vapour displaces oxygen available for breathing (asphyxiant). Risk of fatality.

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

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GENERAL REGULATIONS

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not dispose of waste into sewer. Product residue and empty containers must be removed in accordance with the applicable regulations.

14 Transport information

Classified as Dangerous Goods: Yes

Land transport (ADR/RID)	
<p>14.1 UN-No. 1950</p> <p>14.2 Proper Shipping Name</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>

Inland water ways transport (ADN)	
<p>14.1 UN-No. 1950</p> <p>14.2 Proper Shipping Name</p> <p>14.3 Class(es) 2</p> <p>Environmentally hazardous in tank-vessels</p>	<p>14.4 Packing group</p> <p>14.5 Environmental hazards</p>

Sea transport (IMDG)	
<p>14.1 UN-No. 1950</p> <p>14.2 Proper Shipping Name</p> <p>14.3 Class(es) 2</p> <p>Sub Risk:</p> <p>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>

Air transport (ICAO-TI / IATA-DGR)	
<p>14.1 UN-No. 1950</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>

15 Regulatory information

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

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15.2 Chemical Safety Assessment

16 Other information

LIST OF RELEVANT R-PHRASES

R12	Extremely flammable.
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LIST OF RELEVANT H-STATEMENTS

H220	Extremely flammable gas.
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