

SAFETY DATA SHEET

GASBEHÅLLARE ACETYLEN 168800100A

Last changed: 31/05/2012

Internal No: 168800100A

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

1.1 Product identifier

Trade name / designation GASBEHÅLLARE ACETYLEN 168800100A

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

1.3 Details of the supplier of the safety data sheet

NATIONAL MANUFACTURER/IMPORTER

Enterprise AGA GAS AB
Postal code 181 81 LIDINGÖ
Telephone +46 8 706 95 88

2 Hazards identification

2.1 Classification of the substance or mixture

DPD Classification: F+; R12, R5, R6

CLP Classification: Flam. Gas 1H220, Org. Perox. AH240, EUH006

Most important HSE hazard effects: Extremely flammable gas. Heating may cause an explosion. Explosive with or without contact with air.

2.2 Label elements



Signal word: None

EC-Label: No

COMPOSITION

Acetylen, etyn (> 99,5 %)

H Statements

H220	Extremely flammable gas.
H240	Heating may cause an explosion.
EUH006	Explosive with or without contact with air.

P Statements

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P243	Take precautionary measures against static discharge.
P403	Store in a well-ventilated place.

2.3 Other hazards

3 Composition/information on ingredients

3.2 Mixtures

SAFETY DATA SHEET

GASBEHÅLLARE ACETYLEN 168800100A

Last changed: 31/05/2012

Internal No: 168800100A

Ingredient name	Reg.No	EC No.	CAS No.	Conc. (wt%)	DPD-Classification	CLP-classification
Acetylen, etyn		200-816-9	74-86-2	> 99,5 %	F+,R5 - R6 - R12	Flam. Gas 1 H220 Self-react. A H240 EUH006

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. Use compressed air breathing apparatus. Keep the injured person warm and relaxed. Summon physician. Administer breathing assistance, if necessary.

4.2 Most important symptoms and effects, both acute and delayed

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

High concentrations may cause asphyxia. Unconsciousness. Asphyxiation may occur without forewarning. May give rise to symptoms such as dizziness, headache, nausea and ataxia.

4.3 Indication of any immediate medical attention and special treatment needed

5 Fire-fighting measures

5.1 Extinguishing media

SUITABLE EXTINGUISHING MEDIA:

All common fire extinguishing agents may be used.

EXTINGUISHING METHODS

Stop flow of gas or liquid if possible. Do not extinguish burning gas discharge. Be aware of risk of fire re-starting, and risk of explosion. Containers close to fire should be removed immediately or cooled with water.

5.2 Special hazards arising from the substance or mixture

SPECIAL HAZARDS

Containers may explode if heated. Carbon monoxide may be formed in the event of incomplete combustion.

5.3 Advice for fire-fighters

ADVICE FOR FIREFIGHTERS

Use protective equipment and compressed air breathing apparatus.

OTHER INFORMATION

Extremely flammable

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

PERSONAL PRECAUTIONS

Use compressed air breathing apparatus. Evacuate area endangered by gas. Provide good ventilation. Eliminate all sources of ignition.

6.2 Environmental precautions

SAFETY DATA SHEET

GASBEHÅLLARE ACETYLEN 168800100A

Last changed: 31/05/2012

Internal No: 168800100A

ENVIRONMENTAL PRECAUTIONS

Stop gas leak if possible without any risk.

6.3 Methods and material for containment and cleaning up

METHODS AND MATERIAL

Ventilate thoroughly.

6.4 Reference to other sections

7 Handling and Storage

7.1 Precautions for safe handling

PRECAUTION FOR SAFE HANDLING

The equipment must be earthed. NOT TRANSLATED NOT TRANSLATED

7.2 Conditions for safe storage, including any incompatibilities

CONDITION FOR SAFE STORAGE, INCLUDING ANY UNCOMPATIBILITIES

Keep away from sources of ignition. Read and follow manufacturer's recommendations! Store isolated from oxidizing materials. Keep container tightly closed. Use only in well-ventilated areas. Store at temperatures below 50 °C.

7.3 Specific end uses

8 Exposure controls / Personal protection

8.1 Control parameters

8.2 Exposure controls

APPROPRIATE ENGINEERING CONTROLS

Use only in well-ventilated areas. When using do not smoke.

EYE PROTECTION

Use approved safety goggles or face shield.

SKIN PROTECTION

Wear protective clothing.

HAND PROTECTION

Wear suitable gloves.

9 Physical and chemical Properties

9.1 Information on basic physical and chemical properties

PHYSICAL STATE	Gas.
COLOUR	Colourless.
ODOUR	Garlic.
WATER SOLUBILITY	mg/l

SAFETY DATA SHEET

GASBEHÅLLARE ACETYLEN 168800100A

Last changed: 31/05/2012

Internal No: 168800100A

Parameter	Value/unit	Method/reference	Observation
pH concentrate	No data		
pH in solution	No data		
Melting point	84 - 88,8 °C		
Freezing point	No data		
Initial boiling point and boiling range	No data		
Flash point	No data		
Evaporation rate	No data		
Flammability (solid, gas)	No data		
Flammability limits	No data		
Explosion limits	No data		
Vapour pressure	44 mbar	20°C	
Vapour density	No data		
Relative density	0,9	I mättad luft	
Partition coefficient	No data		
Auto-ignition temprature	325 °C		
Decomposition temprature	No data		
Viscosity	No data		

9.2 Other safety information

Parameter	Value/unit	Method/reference	Observation
Molecular weight	26 g/mol		
Kritisk temperatur	35°C		
Brännbarhetsgränser	2,4-83 vol% i luft		

Note no.	Comments

10 Stability and Reactivity

10.1 Reactivity

10.2 Chemical stability

10.3 Possibility of hazardous reactions

POSSIBILITY OF HAZARDOUS REACTIONS

Forms explosive mixtures with air. Reacts strongly with oxidizers.

10.4 Conditions to avoid

CONDITIONS TO AVOID

NOT TRANSLATED NOT TRANSLATED

10.5 Incompatible materials

10.6 Hazardous decomposition products:

11 Toxicological information

11.1 Toxicological effects

12 Ecological information

12.1 Toxicity

12.2 Persistence and degradability

SAFETY DATA SHEET

GASBEHÅLLARE ACETYLEN 168800100A

Last changed: 31/05/2012

Internal No: 168800100A

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

NOT TRANSLATED Forms explosive mixtures with air. Prevent liquid from running into watercourses, drains, cellars and work pits. Contact supplier for disposal information.

14 Transport information

Classified as Dangerous Goods: Yes

Land transport (ADR/RID)

<p>14.1 UN-No. 1001</p> <p>14.2 Proper Shipping Name</p> <p>14.3 Class(es) 2.1</p> <p>Hazard label(s)</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. 1001</p> <p>14.2 Proper Shipping Name</p> <p>14.3 Class(es) 2.1</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. 1001</p> <p>14.2 Proper Shipping Name</p> <p>14.3 Class(es) 2.1</p> <p>Sub Risk:</p> <p>IMDG Code segregation group</p> <p>Marine pollutant</p> <p>EMS:</p>	<p>14.4 Packing group</p> <p>14.5 Environmental hazards</p> <p>No</p>
--	--

SAFETY DATA SHEET

GASBEHÅLLARE ACETYLEN 168800100A

Last changed: 31/05/2012

Internal No: 168800100A

Air transport (ICAO-TI / IATA-DGR)

14.1 UN-No.	1001	14.4 Packing group
14.2 Proper Shipping Name		14.5 Environmental hazards
14.3 Class(es) 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.
R5	Heating may cause an explosion.
R6	Explosive with or without contact with air.

LIST OF RELEVANT H-STATEMENTS

H220	Extremely flammable gas.
H240	Heating may cause an explosion.
EUH006	Explosive with or without contact with air.