

Skeda e të Dhënave të Sigurisë

Acetilen

sipas rregullores REACH (KE) 1907/2006 e ndryshuar nga rregullorja (BE) 2020/878
Numër referencë: 001
Data e inspektimit: 30.11.2022
Zëvendëson versionin e: 29.7.2021
Versioni: 16.0

Rrezik



SEKSION 1: Identifikimi i substancës/i përzierjes dhe i shoqërisë/i firmës

1.1. Identifikues të produktit

Trade name : Acetilen
SDS no : 001
Mjete të tjera identifikimi : Acetilen
Nr. CAS : 74-86-2
Nr. i KE : 200-816-9
Nr. i indeksit të KE : 601-015-00-0
REACH registration No : 01-2119457406-36
Chemical formula : C₂H₂

1.2. Përdorime të identikuara si me vend për substancën apo përzierjen dhe përdorime që nuk këshillohen

Relevant identified uses : See the list of identified uses and exposure scenarios in the annex of the safety data sheet.
Consumer use.
Perform risk assessment prior to use.
Uses advised against : None.

1.3. Informacione lidhur me furnizuesin dhe skedën e të dhënave të sigurisë

Company identification : GAZRA TEKNIKE SHQIPTARE SH.P.K
Rr Kavajes Dalje Kombinat
Tirana - Albania
<http://www.sol.it/msds2/msds.asp>
msds@sol.it

1.4. Numri i telefonit të urgjencës

Emergency telephone number : +355 (0)42 352877

SEKSION 2: Identifikimi i rreziqeve

2.1. Klasifikimi i substancës apo i përzierjes

Klasifikimi sipas rregullores (CE) Nr. 1272/2008 [CLP]

Reziqe fizike	Gaze të ndezshme, Kategoria 1A	H220
	Gaze të ndezshme, Kategoria 1A, gaze kimikisht të paqëndrueshme A	H220;H230
	Gaze nën presion: Gaz i tretur	H280

2.2. Elemente etiketimi

Etiketimi sipas rregullores (CE) Nr. 1272/2008 [CLP]

Piktogramet e rrezikut (CLP) :



Fjalë sinjalizuese (CLP) : Rrezik

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Deklaratat e rrezikut (CLP)	: H220 - Gaz jashtëzakonisht i ndezshëm. H280 - Përmban gaz nën presion; mund të shpërthejë nëse nxehet. H230 - Mund të reagojë në mënyrë shpërthyesë edhe në mungesë të ajrit.
Deklaratat e masave paraprake (CLP)	
- Prevention	: P202 - Mos e prekni derisa të jenë lexuar dhe kuptuar të gjitha masat paraprake mbrojtëse. P210 - Mbajeni larg nga nxehtësia, sipërfaqet e nxehta, shkëndijat, flakët e ekspozuara dhe nga burime të tjera të ndezshme. Ndalohet pirja e duhanit.
- Response	: P377 - Rrjedhja e gazit djegës: Mos e shuani, përveç rastit kur rrjedhja mund të mbyllet pa rrezik. P381 - Në rast rrjedhjeje, eliminoni të gjitha burimet e ndezshme.
- Storage	: P403 - Ruajeni në një vend të mirëajrosur. P410+P403 - Mbrojeni nga rrezet e diellit. Magazinojeni në një vend me ventilim të mirë.
Informacion plotësues	: Dispose of cylinder via gas supplier only. Cylinder contains a porous material which in some cases contains asbestos fibres and is saturated with a solvent (acetone or dimethylformamide).

2.3. Rreziqe të tjera

Asphyxiant in high concentrations.
These high concentrations are within the flammability range.
The substance/mixture has no endocrine disrupting properties.

SEKSION 3: Përbërja/informacionet mbi përbërësit

3.1. Substancat

Emri	%	Identifikues të produktit	Klasifikimi sipas rregullores (CE) Nr. 1272/2008 [CLP]
Acetilen	100	Nr. CAS: 74-86-2 Nr. i KE: 200-816-9 Nr. i indeksit të KE: 601-015-00-0 REACH registration No: 01-2119457406-36	Flam. Gas 1A, H220 Flam. Gas 1A - Chem. Unst. Gas A, H220;H230 Press. Gas (Diss.), H280

For safety reasons, the acetylene is dissolved in acetone (Flam. Liq. 2, Eye Irrit. 2, STOT SE 3) or dimethylformamide (Flam. Liq. 3, Repr. 1B, Acute Tox. 4, Eye Irrit. 2) in the gas receptacle. Vapour of the solvent is carried away as impurity when the acetylene is extracted from the gas receptacle. The concentration of the solvent vapour in the gas is lower than the concentration limits to change the classification of the acetylene.

Dimethylformamide is on the Candidate List of Substances of Very High Concern (SVHC) that might be subject to authorization for future placing on the market and uses.

The cylinder contains a porous material which in some cases contains asbestos fibres. Asbestos is on the list of Substances of Very High Concern (SVHC) and is subject to restrictions on its use (Annex XVII of REACH). The asbestos fibres are encapsulated in the solid porous material and are not released under normal conditions of use. See section 13 for the disposal of those cylinders.

Contains no other components or impurities which will influence the classification of the product.

3.2. Përzierje

Jo i zbatueshëm

SEKSION 4: Ndihma e shpejtë

4.1. Përshkrimi i ndihmës së shpejtë

- Inhalation	: Remove victim to uncontaminated area wearing self contained breathing apparatus. Keep victim warm and rested. Call a doctor. Perform cardiopulmonary resuscitation if breathing stopped.
- Skin contact	: Adverse effects not expected from this product.
- Eye contact	: Adverse effects not expected from this product.
- Ingestion	: Ingestion is not considered a potential route of exposure.

4.2. Simptoma dhe efekte kryesore, akute e të mëvonshme

In high concentrations may cause asphyxiation. Symptoms may include loss of mobility/consciousness. Victim may not be aware of asphyxiation.
See section 11.

4.3. Indikimi për kujdes të mundshëm mjekësor të menjëhershëm dhe për trajtime të veçanta të nevojshme

None.

SEKSION 5: Masa të luftës kundër zjarrit

5.1. Mjete shuarjeje

- Suitable extinguishing media : Water spray or fog.
Dry powder.
Carbon dioxide.
Shutting off the source of the gas is the preferred method of control.
Be aware of the risk of formation of static electricity with the use of CO2 extinguishers. Do not use them in places where a flammable atmosphere may be present.
- Unsuitable extinguishing media : Do not use water jet to extinguish.

5.2. Rreze të veçanta që rrjedhin nga substanca apo përzierja

- Specific hazards : Exposure to fire may cause containers to rupture/explode.
- Hazardous combustion products : Carbon monoxide.

5.3. Këshilla për zjarrfikësat

- Specific methods : Use fire control measures appropriate for the surrounding fire. Exposure to fire and heat radiation may cause gas receptacles to rupture. Cool endangered receptacles with water spray jet from a protected position. Prevent water used in emergency cases from entering sewers and drainage systems.
If possible, stop flow of product.
Use water spray or fog to knock down fire fumes if possible.
Do not extinguish a leaking gas flame unless absolutely necessary. Spontaneous/explosive re-ignition may occur. Extinguish any other fire.
Continue water spray from protected position until container stays cool.
Move containers away from the fire area if this can be done without risk.
- Special protective equipment for fire fighters : In confined space use self-contained breathing apparatus.
Standard protective clothing and equipment (Self Contained Breathing Apparatus) for fire fighters.
Standard EN 137 - Self-contained open-circuit compressed air breathing apparatus with full face mask.
Standard EN 469 - Protective clothing for firefighters. Standard - EN 659: Protective gloves for firefighters.

SEKSION 6: Masat që duhen marrë në rast derdhjeje aksidentale

6.1. Masa individuale, pajisje mbrojtëse dhe procedurat e urgjencës

- Për mospjesëmarrësit e ekipeve të shpëtimit : Act in accordance with local emergency plan.
Try to stop release.
Evacuate area.
Eliminate ignition sources.
Ensure adequate air ventilation.
Stay upwind.
See section 8 of the SDS for more information on personal protective equipment.
- Për pjesëmarrësit e ekipeve të shpëtimit : Monitor concentration of released product.
Consider the risk of potentially explosive atmospheres.
Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe.
See section 5.3 of the SDS for more information.

6.2. Masa parandaluese për mbrojtjen e mjedisit

Try to stop release.

6.3. Metoda dhe materiali i vënies kufi dhe i pastrimit

Ventilate area.

6.4. Referencë për seksionet e tjera

See also sections 8 and 13.

SEKSION 7: Manipulimi dhe ruajtja

7.1. Masa që duhen marrë për një manipulim pa rrezik

Safe use of the product

: The product must be handled in accordance with good industrial hygiene and safety procedures.
Only experienced and properly instructed persons should handle gases under pressure.
Consider pressure relief device(s) in gas installations.
Ensure the complete gas system was (or is regularly) checked for leaks before use.
Do not smoke while handling product.
Use only properly specified equipment which is suitable for this product, its supply pressure and temperature. Contact your gas supplier if in doubt.
Avoid suck back of water, acid and alkalis.
Assess the risk of potentially explosive atmospheres and the need for explosion-proof equipment.
Purge air from system before introducing gas.
Take precautionary measures against static discharge.
Keep away from ignition sources (including static discharges).
Consider the use of only non-sparking tools.
Avoid contact with pure copper, mercury, silver and brass with greater than 65% copper.
Operating pressure in piping should be limited to 1.5 bar (gauge) or less due to more stringent national regulations (with maximum diameter DN25).
Consider the use of flash back arrestors.
Solvent may accumulate in piping systems. For maintenance activities use appropriate resistant gloves, assess the necessity to use a respiratory filter device (specify gloves and filters for DMF or acetone use) and wear safety goggles. Avoid breathing the vapour of the solvent. Provide adequate ventilation.
For further information on safe use refer to EIGA code of practice acetylene (EIGA Doc 123).
Do not breathe gas.
Avoid release of product into work area.
Ensure equipment is adequately earthed.

Safe handling of the gas receptacle

: Suck back of water into the container must be prevented.
Open valve slowly to avoid pressure shock.
Refer to supplier's container handling instructions.
Do not allow backfeed into the container.
Protect containers from physical damage; do not drag, roll, slide or drop.
Do not remove or deface labels provided by the supplier for the identification of the content of the container.
When moving cylinders, even for short distances, use a cart (trolley, hand truck, etc.) designed to transport cylinders.
Leave valve protection caps in place until the container has been secured against either a wall or bench or placed in a container stand and is ready for use.
If user experiences any difficulty operating valve discontinue use and contact supplier.
Close container valve after each use and when empty, even if still connected to equipment.
Never attempt to repair or modify container valves or safety relief devices.
Damaged valves should be reported immediately to the supplier.
Replace valve outlet caps or plugs and container caps where supplied as soon as container is disconnected from equipment.
Keep container valve outlets clean and free from contaminants particularly oil and water.
Never attempt to transfer gases from one cylinder/container to another.
Never use direct flame or electrical heating devices to raise the pressure of a container.

7.2. Kushtet e nevojshme për të garantuar sigurinë e ruajtjes, duke marrë parasysh papajtueshmëri të mundshme

Observe all regulations and local requirements regarding storage of containers.
Containers should not be stored in conditions likely to encourage corrosion.
Container valve guards or caps should be in place.
Containers should be stored in the vertical position and properly secured to prevent them from falling over.
Stored containers should be periodically checked for general condition and leakage.
Keep container below 50°C in a well ventilated place.
Store containers in location free from fire risk and away from sources of heat and ignition.
Keep away from combustible materials.
Segregate from oxidant gases and other oxidants in store.
All electrical equipment in the storage areas should be compatible with the risk of a potentially explosive atmosphere.

7.3. Përdorimi(e) final(e) i(të) veçantë(a)

None.

SEKSION 8: Kontrollle ekspozimi /mbrojtje individuale

8.1. Parametra kontrolli

Acetilen (74-86-2)	
SHBA - ACGIH - Limiti i Ekspozimit në Punë	
Emri i agjentit	Acetylene
Vërejtje (ACGIH)	TLV® Basis: Simple Asphyxiant
Referenca rregullatore	ACGIH 2019

Acetilen (74-86-2)	
DNEL: Derived no effect level (Workers)	
Akute - efektet sistemike, inhalacioni	2675 mg/m ³
Afatgjatë - efekte sistemike, frymëmarrje	2675 mg/m ³

PNEC (Përqendrim(e) i(të) parashikuar(a) pa efekt) : None established.

8.2. Kontrollle ekspozimi

8.2.1. Appropriate engineering controls

Provide adequate general and local exhaust ventilation.
Product to be handled in a closed system.
Systems under pressure should be regularly checked for leakages.
Ensure exposure is below occupational exposure limits (where available).
Gas detectors should be used when toxic gases may be released.
Consider the use of a work permit system e.g. for maintenance activities.

8.2.2. Individual protection measures, e.g. personal protective equipment

- A risk assessment should be conducted and documented in each work area to assess the risks related to the use of the product and to select the PPE that matches the relevant risk.
The following recommendations should be considered:
PPE compliant to the recommended EN/ISO standards should be selected.
- Eye/face protection : Wear safety glasses with side shields.
Standard EN 166 - Personal eye-protection - specifications.
 - Skin protection : Wear working gloves when handling gas containers.
Standard EN 388 - Protective gloves against mechanical risk, performance level 1 or higher.
 - Hand protection

- Other : Consider the use of flame resistant anti-static safety clothing.
Standard EN ISO 14116 - Limited flame spread materials.
Standard EN 1149-5 - Protective clothing: Electrostatic properties.
Wear safety shoes while handling containers.
Standard EN ISO 20345 - Personal protective equipment - Safety footwear.
- Respiratory protection : Standard EN 137 - Self-contained open-circuit compressed air breathing apparatus with full face mask.
Self contained breathing apparatus (SCBA) or positive pressure airline with mask are to be used in oxygen-deficient atmospheres.
Self contained breathing apparatus is recommended, where unknown exposure may be expected, e.g. during maintenance activities on installation systems.
- Thermal hazards : Wear goggles with suitable filter lenses when use is cutting/welding.

8.2.3. Environmental exposure controls

Refer to local regulations for restriction of emissions to the atmosphere. See section 13 for specific methods for waste gas treatment.

SEKSION 9: Vetë fizike e kimike

9.1. Informacione mbi vetitë fizike e kimike thelbësore

Appearance	
- Physical state at 20°C / 101.3kPa	: Gaz.
- Ngjyra	: Colourless.
Era	: Garlic like. Poor warning properties at low concentrations. Odour threshold is subjective and inadequate to warn of overexposure.
Pika e shkrirjes / Pika e ngrirjes	: -80,8 °C
Pika e vlimit	: -84 °C
Ndezshmëria	: Gaz jashtëzakonisht i ndezshëm.
Kufiri minimal i shpërthimit	: 2,3
Kufiri maksimal i shpërthimit	: 100
Pika e flakërimit	: Not applicable for gases and gas mixtures.
Temperatura e vetë-ndezjes	: 305 °C
Temperatura e dekompozimit	: Not applicable.
pH	: Not applicable for gases and gas mixtures.
Viskoziteti, kinematika	: No reliable data available.
Tretshmëri në ujë [20°C]	: 1185 mg/l
Koeficienti i ndarjes n-oktanol/ujë (Log Kow)	: Nuk disponohet
Presioni i avullit [20°C]	: 44 bar(a)
Presioni i avullit [50°C]	: Not applicable.
Density and/or relative density	: Not applicable.
Relative vapour density (air=1)	: 0,9
Karakteristikat e grimcave	: Not applicable for gases and gas mixtures.

9.2. Informacione të tjera

9.2.1. Informacion në lidhje me klasat e rrezikut fizik

Limitet e ekspozimit	: 2,3 – 100 vëll %
Vetitë oksiduese	: No oxidising properties.
- Coefficient of oxygen equivalency (Ci)	: Not applicable.
Critical temperature [°C]	: 35 °C

9.2.2. Karakteristikat e tjera të sigurisë

Molar mass	: 26 g/mol
Other data	: None.

SEKSION 10: Stabiliteti dhe reaktiviteti

10.1. Reaktiviteti

No reactivity hazard other than the effects described in sub-sections below.

10.2. Stabiliteti kimik

Dissolved in a solvent supported in a porous mass.
Stable under recommended handling and storage conditions (see section 7).
May react explosively even in the absence of air.

10.3. Mundësi reaksionesh të rrezikshme

May decompose violently at high temperature and/or pressure or in the presence of a catalyst.
Can form explosive mixture with air.
May react violently with oxidants.
May react explosively even in the absence of air.

10.4. Kushte për t'u shmangur

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Avoid moisture in installation systems.
High temperature.
High pressure.

10.5. Lëndë të papajtueshme

Forms explosive acetylides with copper, silver and mercury.
Do not use alloys containing more than 65% copper.
Air, Oxidisers.
Do not use alloys containing more than 43% silver.
For additional information on compatibility refer to ISO 11114.

10.6. Produkte të rrezikshme dekompozimi

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SEKSION 11: Informacione toksikologjike

11.1. Informacion mbi klasat e rrezikut siç përcaktohet në Rregulloren (Ke) nr. 1272/2008

Acute toxicity	: Acetylene has low inhalation toxicity, the LOAEC for mild intoxication in humans with no residual effects is 100 000ppm (107,000 mg/m3). There are no data on oral and dermal toxicity (studies are not technically feasible as the substance is a gas at room temperature).
Skin corrosion/irritation	: No known effects from this product.
Serious eye damage/irritation	: No known effects from this product.
Respiratory or skin sensitisation	: No known effects from this product.
Germ cell mutagenicity	: No known effects from this product.
Carcinogenicity	: No known effects from this product.
Toxic for reproduction : Fertility	: No known effects from this product.
Toxic for reproduction : unborn child	: No known effects from this product.
STOT-single exposure	: No known effects from this product.
STOT-repeated exposure	: No known effects from this product.
Aspiration hazard	: Not applicable for gases and gas mixtures.

11.2. Informacion mbi rreziket e tjera

Informacione të tjera	: The substance/mixture has no endocrine disrupting properties.
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SEKSION 12: Informacione ekologjike

12.1. Toxicity

Assessment	: Classification criteria are not met.
EC50 48h - Daphnia magna [mg/l]	: 242 mg/l
EC50 72h - Algae [mg/l]	: 57 mg/l
LC50 96 h - Fish [mg/l]	: 545 mg/l

12.2. Persistence and degradability

Assessment : Will rapidly degrade by indirect photolysis in air.
Will not undergo hydrolysis.

12.3. Bioaccumulative potential

Assessment : Not expected to bioaccumulate due to the low log Kow (log Kow < 4).
See section 9.

12.4. Mobility in soil

Assessment : Because of its high volatility, the product is unlikely to cause ground or water pollution.
Partition into soil is unlikely.

12.5. Results of PBT and vPvB assessment

Assessment : Not classified as PBT or vPvB.

12.6. Vetë të agjentëve hormonalë

Assessment : The substance/mixture has no endocrine disrupting properties.

12.7. Other adverse effects

Efekte të tjera fatale : No known effects from this product.
Effect on the ozone layer : No effect on the ozone layer.
Effect on global warming : No known effects from this product.

SEKSION 13: Konsiderata lidhur me eliminimin

13.1. Metoda të trajtimit të mbeturinave

Contact supplier if guidance is required.
Do not discharge into areas where there is a risk of forming an explosive mixture with air.
Waste gas should be flared through a suitable burner with flash back arrestor.
Do not discharge into any place where its accumulation could be dangerous.
Ensure that the emission levels from local regulations or operating permits are not exceeded.
Refer to the EIGA code of practice Doc.30 "Disposal of Gases", downloadable at <http://www.eiga.org> for more guidance on suitable disposal methods.
Return unused product in original container to supplier.
List of hazardous waste codes (from Commission Decision 2000/532/EC as amended) : 16 05 04 *: Gases in pressure containers (including halons) containing hazardous substances.

13.2. Additional information

Dispose of cylinder via gas supplier only. Cylinder contains a porous material which in some cases contains asbestos fibres and is saturated with a solvent (acetone or dimethylformamide).
External treatment and disposal of waste should comply with applicable local and/or national regulations.

SEKSION 14: Informacione lidhur me transportin

14.1. Numri i KB ose numri i identifikimit

Në përputhje me dispozitat ADR / RID / IMDG / IATA / ADN
Nr-OKB : 1001

14.2. Emri i dërgesës së OKB-së

Transport by road/rail (ADR/RID)	: ACETYLENE, DISSOLVED
Transport by air (ICAO-TI / IATA-DGR)	: Acetylene, dissolved
Transport by sea (IMDG)	: ACETYLENE, DISSOLVED

14.3. Klasë (a) rreziku për transportin

Etiketimi



2.1 : Flammable gases.

Transport by road/rail (ADR/RID)

Class	: 2
Classification code	: 4F
Hazard identification number	: 239
Tunnel Restriction	: B/D - Transporti me cisternë: Ndalohet kalimi në tunele të kategorisë B, C, D, dhe E. Mënyra të tjera: Ndalohet kalimi në tunele të kategorisë D dhe E.

Transport by air (ICAO-TI / IATA-DGR)

Class / Div. (Sub. risk(s))	: 2.1
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Transport by sea (IMDG)

Class / Div. (Sub. risk(s))	: 2.1
Emergency Schedule (EmS) - Fire	: F-D
Emergency Schedule (EmS) - Spillage	: S-U

14.4. Grupi i ambalazhimit

Transport by road/rail (ADR/RID)	: Not applicable.
Transport by air (ICAO-TI / IATA-DGR)	: Not applicable.
Transport by sea (IMDG)	: Not applicable.

14.5. rreziqe për mjedisin

Transport by road/rail (ADR/RID)	: None.
Transport by air (ICAO-TI / IATA-DGR)	: None.
Transport by sea (IMDG)	: None.

14.6. Masa parandaluese të veçanta që duhen marrë nga përdoruesi

Packing Instruction(s)

Transport by road/rail (ADR/RID)	: P200.
Transport by air (ICAO-TI / IATA-DGR)	
Passenger and Cargo Aircraft	: Forbidden.
Cargo Aircraft only	: 200.
Transport by sea (IMDG)	: P200.

Masat paraprahe të veçanta të transportit	: Avoid transport on vehicles where the load space is not separated from the driver's compartment. Ensure vehicle driver is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency. Before transporting product containers: - Ensure there is adequate ventilation. - Ensure that containers are firmly secured. - Ensure valve is closed and not leaking. - Ensure valve outlet cap nut or plug (where provided) is correctly fitted. - Ensure valve protection device (where provided) is correctly fitted.
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14.7. Transport masiv detar sipas instrumenteve të IMO-së

Not applicable.

SEKSION 15: Informacione mbi rregulloret

15.1. Rregulloret/legjislacioni i veçantë për substancën apo pëzierjen në lidhje me çështjen e sigurisë, shëndetit dhe mjedisit

Normativa BE

Kufizime përdorimi : None.
Informacione të tjera, kufizime dhe dispozita ligjore : Nuk renditet në listën e PIC (Rregullorja e BE-së 649/2012).
Seveso Directive : 2012/18/EU (Seveso III) : Listed.

Direktiva kombëtare

Referenca rregullatore : Ensure all national/local regulations are observed.

15.2. Vlerësimi i sigurisë kimike

A CSA has been carried out.

SEKSION 16: Informacione të tjera

Tregues ndryshimi : Revised safety data sheet in accordance with commission regulation (EU) No 2015/830.

Shkurtime dhe akronime : ATE - Acute Toxicity Estimate.
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.
EINECS - European Inventory of Existing Commercial Chemical Substances.
CAS# - Chemical Abstract Service number.
PPE - Personal Protection Equipment.
LC50 - Lethal Concentration to 50 % of a test population.
RMM - Risk Management Measures.
PBT - Persistent, Bioaccumulative and Toxic.
vPvB - Very Persistent and Very Bioaccumulative.
STOT- SE : Specific Target Organ Toxicity - Single Exposure.
CSA - Chemical Safety Assessment.
EN - European Standard.
UN - United Nations.
ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road.
IATA - International Air Transport Association.
IMDG code - International Maritime Dangerous Goods.
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail.
WGK - Water Hazard Class.
STOT - RE : Specific Target Organ Toxicity - Repeated Exposure.
UFI : Unique Formula Identifier.
Këshilla trajnimi : Ensure operators understand the flammability hazard.
Further information : Classification in accordance with the procedures and calculation methods of Regulation (EC) 1272/2008 (CLP).
Key literature references and sources of data are maintained in EIGA doc 169 : 'Classification and Labelling Guide', downloadable at <http://www.Eiga.eu>.

Teksti i plotë i frazave H dhe EUH	
Flam. Gas 1A	Gaze të ndezshme, Kategoria 1A
Flam. Gas 1A - Chem. Unst. Gas A	Gaze të ndezshme, Kategoria 1A, gaze kimikisht të paqëndrueshme A
H220	Gaz jashtëzakonisht i ndezshëm.
H230	Mund të reagojë në mënyrë shpërthyesë edhe në mungesë të ajrit.
H280	Përmban gaz nën presion; mund të shpërthejë nëse nxehet.
Press. Gas (Diss.)	Gaze nën presion: Gaz i tretur

Skeda e të Dhënave të Sigurisë

Acetilen

sipas rregullores REACH (KE) 1907/2006 e ndryshuar nga rregullorja (BE) 2020/878
Numër referencë: 001

DISCLAIMER OF LIABILITY

: Before using this product in any new process or experiment, a thorough material compatibility and safety study should be carried out.
Details given in this document are believed to be correct at the time of going to press.
Whilst proper care has been taken in the preparation of this document, no liability for injury or damage resulting from its use can be accepted.

Skeda e të Dhënave të Sigurisë

Acetilen

sipas rregullores REACH (KE) 1907/2006 e ndryshuar nga rregullorja (BE) 2020/878
Numër referencë: 001

Shtojca e specifikimeve të sigurisë

This Annex documents the Exposure Scenarios (ESs) related to the identified uses of the registered substance. The ESs detail protective measures for workers and the environment in addition to those described in sections 7, 8, 11, 12 and 13 of the SDS that are required to ensure that the potential exposure to workers and the environment remains within acceptable levels for each of the identified uses.

Tabela e përmbajtjes së shtojcës

Përdorime të identifikuar	Nr. i skenarit të ekspozimit	Titulli i shkurtuar	Faqja
Formulation of mixtures in pressure receptacles	EIGA001-1	Industrial uses, closed contained conditions	13
Transfilling in pressure receptacles	EIGA001-1	Industrial uses, closed contained conditions	13
Calibration of analysis equipment	EIGA001-1	Industrial uses, closed contained conditions	13
Feedstock in chemical processes	EIGA001-1	Industrial uses, closed contained conditions	13
Fuel gas for welding, cutting, heating, brazing and soldering applications.	EIGA001-1	Industrial uses, closed contained conditions	13
Fuel gas for welding, cutting, heating, brazing and soldering applications.	EIGA001-2	Professional uses	16
Fuel gas for welding, cutting, heating, brazing and soldering applications.	EIGA001-3	Consumer use.	19

1. EIGA001-1: Industrial uses, closed contained conditions

1.1. Title section

Industrial uses, closed contained conditions

Ref. SE: EIGA001-1

Data e inspektimit: 2.12.2019

Processes, tasks, activities covered

Industrial uses, including product transfers and associated laboratory activities within different closed or contained systems

Mjedisi

Përshkrues përdorimi

CS1

Punonjës

Përshkrues përdorimi

CS2

Metoda e vlerësimit

ECETOC TRA 2.0

1.2. Conditions of use affecting exposure

1.2.1. Control of environmental exposure:

Product (article) characteristics

Physical form of product

See section 9 of the SDS, No additional information

Concentration of substance in product

≤ 100 %

Amount used, frequency and duration of use (or from service life)

The actual tonnage handled per site is not considered to influence the immissions as such for this scenario as there is practically no release

Emission Days (days/year)

260

Technical and organisational conditions and measures

Ensure operatives are trained to minimise releases

Kushtet dhe masat në lidhje me impiantin e trajtimit të ujërave të zeza urbane

Wastewater emission controls are not applicable as there is no direct release to wastewater

Conditions and measures related to treatment of waste (including article waste)

See section 13 of the SDS

Skenari i ekspozimit

Acetilen

Shtojca e specifikimeve të sigurisë

Numër referencë: 001

Nr. CAS: 74-86-2 Forma e produktit: Substanca Gjendja fizike: Gaz

Other conditions affecting environmental exposure

No additional information

1.2.2. Control of worker exposure:

Product (article) characteristics

Physical form of product

See section 9 of the SDS, No additional information

Concentration of substance in product

≤ 100 %

Amount used (or contained in articles), frequency and duration of use/exposure

The actual tonnage handled per shift is not considered to influence the exposure as such for this scenario. Instead, the combination of the scale of operation and level of containment/automation (as reflected in the technical conditions) is the main determinant of the process-intrinsic emission potential.

Exposure duration

≤ 8 h/ditë

Covers frequency up to:

5 ditë/javë

Technical and organisational conditions and measures

See sections 2 and 7 of the SDS.

Handle product within a closed system

Apply a good standard of general or controlled ventilation when maintenance activities are carried out.

Ensure operatives are trained to minimise exposure

Ensure supervision is in place to check that the RMMs are in place and are being used correctly and that the OCs are being followed

Kushtet dhe masat në lidhje me mbrojtjen personale, higjienike dhe vlerësimin shëndetësor

See section 8 of the SDS.

Other conditions affecting workers exposure

Indoor or outdoor use

1.3. Exposure estimation and reference to its source

1.3.1. Environmental release and exposure:

The substance is not classified for human health hazards or for environment effects and it is not PBT or vPvB so that no exposure assessment or risk characterisation is required.

1.3.2. Worker exposure:

The substance is not classified for human health hazards or for environment effects and it is not PBT or vPvB so that no exposure assessment or risk characterisation is required.

1.4. Guidance to Downstream User to evaluate whether he works inside the boundaries set by the ES

1.4.1. Mjedisi

Udhëzim - Mjedis	Check that RMMs and OCs are as described above or of equivalent efficiency
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1.4.2. Health

Udhëzim - Shëndeti	Check that RMMs and OCs are as described above or of equivalent efficiency
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Skenari i ekspozimit

Acetilen

Shtojca e specifikimeve të sigurisë

Numër referencë: 001

Nr. CAS: 74-86-2 Forma e produktit: Substanca Gjendja fizike: Gaz

2. EIGA001-2: Professional uses

2.1. Title section

Professional uses	
Ref. SE: EIGA001-2	
Data e inspektimit: 2.12.2019	
Processes, tasks, activities covered	Professional uses, including transfer of product in non-industrial settings
Mjedisi	Përshkrues përdorimi
CS1	
Punonjës	Përshkrues përdorimi
CS2	
Metoda e vlerësimit	ECETOC TRA 2.0

2.2. Conditions of use affecting exposure

2.2.1. Control of environmental exposure:

Product (article) characteristics	
Physical form of product	See section 9 of the SDS, No additional information
Concentration of substance in product	≤ 100 %
Amount used, frequency and duration of use (or from service life)	
No additional information	
Technical and organisational conditions and measures	
Ensure operatives are trained to minimise exposure	
Kushtet dhe masat në lidhje me impiantin e trajtimit të ujërave të zeza urbane	
No additional information	
Conditions and measures related to treatment of waste (including article waste)	
See section 13 of the SDS	
Other conditions affecting environmental exposure	
Closed systems are used in order to prevent unintended emissions	

2.2.2. Control of worker exposure:

Product (article) characteristics	
Physical form of product	See section 9 of the SDS, No additional information
Concentration of substance in product	≤ 100 %

Amount used (or contained in articles), frequency and duration of use/exposure	
The actual tonnage handled per shift is not considered to influence the exposure as such for this scenario. Instead, the combination of the scale of operation and level of containment/automation (as reflected in the technical conditions) is the main determinant of the process-intrinsic emission potential.	
Exposure duration	≤ 8 h/ditë
Covers frequency up to:	5 ditë/javë

Technical and organisational conditions and measures	
Handle product within a closed system	
Apply a good standard of general or controlled ventilation when maintenance activities are carried out.	
See sections 2 and 7 of the SDS.	
Ensure operatives are trained to minimise exposure	
Ensure supervision is in place to check that the RMMs are in place and are being used correctly and that the OCs are being followed	

Kushtet dhe masat në lidhje me mbrojtjen personale, higjienike dhe vlerësimin shëndetësor	
See section 8 of the SDS.	

Other conditions affecting workers exposure	
Indoor or outdoor use	

2.3. Exposure estimation and reference to its source

2.3.1. Environmental release and exposure:

The substance is not classified for human health hazards or for environment effects and it is not PBT or vPvB so that no exposure assessment or risk characterisation is required.
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2.3.2. Worker exposure:

The substance is not classified for human health hazards or for environment effects and it is not PBT or vPvB so that no exposure assessment or risk characterisation is required.
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2.4. Guidance to Downstream User to evaluate whether he works inside the boundaries set by the ES

2.4.1. Mjedisi

Udhëzim - Mjedisi	Check that RMMs and OCs are as described above or of equivalent efficiency
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2.4.2. Health

Udhëzim - Shëndeti	Check that RMMs and OCs are as described above or of equivalent efficiency
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3. EIGA001-3: Consumer use.

3.1. Title section

Consumer use.	
Ref. SE: EIGA001-3	
Data e inspektimit: 2.12.2019	
Processes, tasks, activities covered	Consumer use. Use as a fuel.

3.2. Conditions of use affecting exposure

3.2.1. Control of environmental exposure:

Product (article) characteristics	
Physical form of product	See section 9 of the SDS, No additional information
Concentration of substance in product	≤ 100 %

Amount used, frequency and duration of use (or from service life)	
No additional information	

Kushtet dhe masat në lidhje me impiantin e trajtimit të ujërave të zeza urbane	
No additional information	

Conditions and measures related to treatment of waste (including article waste)	
See section 13 of the SDS	

Other conditions affecting environmental exposure	
Closed systems are used in order to prevent unintended emissions	

3.2.2. Control of consumer exposure:

Product (article) characteristics	
Physical form of product	See section 9 of the SDS, No additional information
Concentration of substance in product	≤ 100 %

Amount used (or contained in articles), frequency and duration of use/exposure	
The actual tonnage handled per shift is not considered to influence the exposure as such for this scenario. Instead, the combination of the scale of operation and level of containment/automation (as reflected in the technical conditions) is the main determinant of the process-intrinsic emission potential.	

Skenari i ekspozimit

Acetilen

Shtojca e specifikimeve të sigurisë

Numër referencë: 001

Nr. CAS: 74-86-2 Forma e produktit: Substanca Gjendja fizike: Gaz

Exposure duration	≤ 8 h/ditë
Covers frequency up to:	5 ditë/javë

Measures related to information and behavioural advice to consumers including personal protection and hygiene	
See section 8 of the SDS.	

Other conditions affecting consumer exposure	
Indoor or outdoor use	

3.3. Exposure estimation and reference to its source

3.3.1. Environmental release and exposure:

The substance is not classified for human health hazards or for environment effects and it is not PBT or vPvB so that no exposure assessment or risk characterisation is required.

3.3.2. Consumer exposure:

Information for contributing exposure scenario
The substance is not classified for human health hazards or for environment effects and it is not PBT or vPvB so that no exposure assessment or risk characterisation is required.

3.4. Guidance to Downstream User to evaluate whether he works inside the boundaries set by the ES

3.4.1. Mjedisi

Udhëzim - Mjedisi	Check that RMMs and OCs are as described above or of equivalent efficiency
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3.4.2. Health

Udhëzim - Shëndeti	Check that RMMs and OCs are as described above or of equivalent efficiency
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Fundi i dokumentit