

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Reference number: EIGA061A Issue date: 16/01/2013 Revision date: 05/06/2024 Supersedes version of: 12/02/2020 Version: 1.2

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

1.1. Product identifier

Product form : Substance

: Helium, compressed Name

: Helium 1.8, Helium 4.6 Chemical, Helium 4.6 Instrument, Helium 4.6 Laser, Helium 5.0 Detector, HiQ Trade name

Helium 5.6, Helium 5.6 Laboratory, HiQ Helium 6.0, Helium 6.0 Scientific

EC-No. : 231-168-5 : 7440-59-7 CAS-No.

: Listed in Annex IV / V REACH, exempted from registration. **REACH registration No**

Product code : 000010021690

Formula : He

REACH authorisation exemptions : Exempted from REACH registration

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

1.2.1. Relevant identified uses

Relevant identified uses : Industrial and professional uses. Perform risk assessment prior to use.

Consumer use.

Test gas/Calibration gas.

Laboratory use.

Purge gas, diluting gas, inerting gas. Shield gas for welding processes.

Use for manufacture of electronic/photovoltaic components.

Contact supplier for more information on uses.

Use of the substance/mixture Balance gas for mixtures.

> Balloon gas. Calibration gas. Carrier gas.

Combustion, melting and cutting processes.

Inerting gas.

Pressure head gas, operational assist gas in pressure systems.

Process gas. Professional diving.

Shielding gas in gas welding.

Industrial and professional. Perform risk assessment prior to use.

Laser gas. Laboratory use

Purge gas, diluting gas, inerting gas.

Test gas/Calibration gas.

1.2.2. Uses advised against

Uses advised against : Do not inhale product on purpose because of the risk of asphyxiation.

Uses other than those listed above are not supported, contact your supplier for more information on

other uses.

Restrictions on use Consumer use.

> EN (English) 1/15



Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

1.3. Details of the supplier of the safety data sheet

Linde Gas UAB Didlaukio g. 69 LT-08300 Vilnius Lithuania T + 370 52787788

1 + 3/0 52/8//88

sds.ren@linde.com

1.4. Emergency telephone number

Emergency number : Poisons Control and Information Bureau, tel. +370 52 36 20 52

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Physical hazards Gases under pressure : Compressed gas H280

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS0

Signal word (CLP) : Warning

Hazard statements (CLP) : H280 - Contains gas under pressure; may explode if heated.

Precautionary statements (CLP)

- Storage : P403 - Store in a well-ventilated place.

Supplemental information : Do not inhale product on purpose because of the risk of asphyxiation.

Asphyxiant in high concentrations.

2.3. Other hazards

Other hazards : Asphyxiant in high concentrations. The substance/mixture has no endocrine disrupting properties.

EN (English) 2/15



Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 3: Composition/information on ingredients

3.1. Substances

Name	Product identifier		Classification according to Regulation (EC) No. 1272/2008 [CLP]
Helium, compressed	CAS-No.: 7440-59-7 EC-No.: 231-168-5 REACH-no: *1	100	Press. Gas (Comp.), H280

Full text of H- and EUH-statements: see section 16

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

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation

First-aid measures after skin contact First-aid measures after eye contact

First-aid measures after ingestion

: Remove victim to uncontaminated area wearing self contained breathing apparatus. Keep victim warm and rested. Call a doctor. Perform cardiopulmonary resuscitation if breathing stopped.

: Adverse effects not expected from this product.: Adverse effects not expected from this product.

: Ingestion is not considered a potential route of exposure.

4.2. Most important symptoms and effects, both acute and delayed

Most important symptoms and effects, both acute and

delayed

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. Indication of any immediate medical attention and special treatment needed

None.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray or fog. Product does not burn, use fire control measures appropriate for the surrounding

fire.

Unsuitable extinguishing media : Do not use water jet to extinguish.

5.2. Special hazards arising from the substance or mixture

Reactivity in case of fire : No reactivity hazard other than the effects described in sub-sections below.

Specific hazards : Exposure to fire may cause containers to rupture/explode.

Hazardous combustion products : None.

EN (English) 3/15

^{*1:} Listed in Annex IV / V REACH, exempted from registration.

^{*3:} Registration not required: Substance manufactured or imported < 1t/y.



Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

5.3. Advice for firefighters

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.

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 469 - Protective clothing for firefighters. Standard - EN 659: Protective gloves for

firefighters.

Standard EN 137 - Self-contained open-circuit compressed air breathing apparatus with full face

mask.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Act in accordance with local emergency plan. Try to stop release. Evacuate area. Ensure adequate

air ventilation. Stay upwind. See section 8 of the SDS for more information on personal protective

equipment.

6.1.2. For emergency responders

Emergency procedures : Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be

safe. Oxygen detectors should be used when asphyxiating gases may be released. See section 5.3

of the SDS for more information.

6.2. Environmental precautions

Try to stop release.

6.3. Methods and material for containment and cleaning up

Methods and material for containment and cleaning up : Ventilate area.

6.4. Reference to other sections

See also sections 8 and 13.

EN (English) 4/15



Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Safe handling of the gas receptacle

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 regularily) 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.

Do not breathe gas.

Avoid release of product into work area.

: 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.

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.

Never attempt to repair or modify container valves or safety relief devices.

Damaged valves should be reported immediately to the supplier.

Keep container valve outlets clean and free from contaminants particularly oil and water.

Replace valve outlet caps or plugs and container caps where supplied as soon as container is

disconnected from equipment.

Close container valve after each use and when empty, even if still connected to equipment.

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.

Do not remove or deface labels provided by the supplier for the identification of the content of the container.

Suck back of water into the container must be prevented.

Open valve slowly to avoid pressure shock.

7.2. Conditions for safe storage, including any incompatibilities

Conditions for safe storage, including any incompatibilities

 $: \ \, \text{Observe all regulations and local requirements regarding storage of containers}.$

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.

7.3. Specific end use(s)

None.

EN (English) 5/15

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Helium, compressed

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

Helium, compressed (7440-59-7)	
DNEL/DMEL (additional information)	
Additional information None available.	
PNEC (additional information)	
Additional information None available.	
Additional information Negotian Negotian	

Additional information

: None available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Provide adequate general and local exhaust ventilation. Oxygen detectors should be used when asphyxiating gases may be released. Systems under pressure should be regularily checked for leakages. Consider the use of a work permit system e.g. for maintenance activities.

8.2.2. Personal protection equipment

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.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Wear safety glasses with side shields.

Standard EN 166 - Personal eye-protection - specifications

8.2.2.2. Skin protection

Hand protection:

Wear working gloves when handling gas containers.

Standard EN 388 - Protective gloves against mechanical risks, performance level 1 or higher.

Other skin protection

EN (English) 6/15

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Helium, compressed

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Wear safety shoes while handling containers.

Standard EN ISO 20345 - Personal protective equipment - Safety footwear.

Materials for protective clothing:

8.2.2.3. Respiratory protection

Respiratory protection:

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. Standard EN 137 - Self-contained open-circuit compressed air breathing apparatus with full face mask.

8.2.2.4. Thermal hazards

Thermal hazard protection:

None in addition to the above sections.

8.2.3. Environmental exposure controls

Environmental exposure controls:

None necessary.

Odour

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Physical state : Gas Colour : Colourless. Form : Compressed gas

: Odourless. Odour threshold : Odour threshold is subjective and inadequate to warn of overexposure.

-272 °C Melting point : Not applicable Freezing point Boiling point -269 °C Flammability Non flammable. Oxidising properties : No oxidising properties.

Explosive limits : Not known. Lower explosion limit : Not applicable. Upper explosion limit : Not applicable.

Flash point : Not applicable for gases and gas mixtures.

Auto-ignition temperature : Non flammable. Decomposition temperature : Not applicable.

: Not applicable for gases and gas mixtures.

Viscosity, kinematic : No reliable data available.

Viscosity, dynamic : 0.025 mPa·s No reliable data available.

Solubility : Water:1.5 mg/l

Partition coefficient n-octanol/water (Log Kow) : Not applicable for inorganic products. Partition coefficient n-octanol/water (Log Pow) : Not applicable for gas mixtures.

Vapour pressure Not applicable. : Not applicable. Vapour pressure at 50°C Critical pressure : 230 kPa

: Not applicable for gases and gas mixtures. Density

: Not applicable. Relative density Relative vapour density at 20°C : Not applicable.

Relative gas density : 0.14

> EN (English) 7/15

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Helium, compressed

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Particle characteristics : Not applicable

Not applicable for gases and gas mixtures.

Nanoforms are not relevant for gases and gas mixtures.

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Critical temperature : -268 °C

9.2.2. Other safety characteristics

Molecular mass : 4 g/mol
Gas group : Compressed gas

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Stable under normal conditions.

10.4. Conditions to avoid

Avoid moisture in installation systems.

10.3. Possibility of hazardous reactions

None.

10.5. Incompatible materials

For additional information on compatibility refer to ISO 11114.

10.6. Hazardous decomposition products

None.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity : No known toxicological effects from this product.

Acute toxicity (dermal) : Not classified Acute toxicity (inhalation) : Not classified

Skin corrosion/irritation : No known effects from this product.

pH: Not applicable for gases and gas mixtures.

Serious eye damage/irritation : No known effects from this product.

pH: Not applicable for gases and gas mixtures.

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.

Reproductive toxicity : Not classified

Toxic for reproduction : Fertility : No known effects from this product.

EN (English) 8/15



Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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.

Helium, compressed (7440-59-7)

Viscosity, kinematic No reliable data available

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No additional information available

11.2.2. Other information

Other information : The substance/mixture has no endocrine disrupting properties.

SECTION 12: Ecological information

12.1. Toxicity

Assessment : No ecological damage caused by this product.

Hazardous to the aquatic environment, short–term

(acute)

Hazardous to the aquatic environment, long-term

(chronic)

Not rapidly degradable

: Not classified

: Not classified

Helium, compressed (7440-59-7)	
LC50 96 h - Fish [mg/l]	No data available.
EC50 48h - Daphnia magna [mg/l]	No data available.
EC50 72h - Algae [mg/l]	No data available.

12.2. Persistence and degradability

Helium, compressed (7440-59-7)	
Assessment	No ecological damage caused by this product.

12.3. Bioaccumulative potential

Helium, compressed (7440-59-7)	
Partition coefficient n-octanol/water (Log Pow) Not applicable for gas mixtures.	
Partition coefficient n-octanol/water (Log Kow)	Not applicable for inorganic products.
Assessment	No ecological damage caused by this product.

12.4. Mobility in soil

Helium, compressed (7440-59-7)	
Assessment	No ecological damage caused by this product.

EN (English) 9/15



Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

12.5. Results of PBT and vPvB assessment

Assessment : Not classified as PBT or vPvB.

12.6. Endocrine disrupting properties

Other adverse effects : No known effects from this product.

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

12.7. Other adverse effects

Other adverse effects : No known effects from this product.

Effect on the ozone layer : No effect on the ozone layer.

Effect on global warming : None.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : May be vented to atmosphere in a well ventilated place. Do not discharge into any place where its

accumulation could be dangerous. Return unused product in original container to supplier.

List of hazardous waste codes (from Commission Decision 2000/532/EC as amended)

: 16 05 05 : Gases in pressure containers other than those mentioned in 16 05 04.

13.2. Additional information

External treatment and disposal of waste should comply with applicable local and/or national regulations.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID	
14.1. UN number or ID num	14.1. UN number or ID number				
UN 1046	UN 1046	UN 1046	UN 1046	UN 1046	
14.2. UN proper shipping n	ame				
HELIUM, COMPRESSED	HELIUM, COMPRESSED	Helium, compressed	HELIUM, COMPRESSED	HELIUM, COMPRESSED	
Transport document description	Transport document description				
UN 1046 HELIUM, COMPRESSED, 2.2, (E)	UN 1046 HELIUM, COMPRESSED, 2.2	UN 1046 Helium, compressed, 2.2	UN 1046 HELIUM, COMPRESSED, 2.2	UN 1046 HELIUM, COMPRESSED, 2.2	
14.3. Transport hazard class(es)					
2.2	2.2	2.2	2.2	2.2	
2	2	2	2	2	

EN (English) 10/15



Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

ADR	IMDG	IATA	ADN	RID
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazar	ds			
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No

14.6. Special precautions for user

Special transport precautions

: 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.

Overland transport

Classification code (ADR) : 1A

Special provisions (ADR) : 378, 392, 653, 662

Limited quantities (ADR) : 120ml Excepted quantities (ADR) : E1 Packing instructions (ADR) : P200 Mixed packing provisions (ADR) : MP9 Portable tank and bulk container instructions (ADR) : (M) Tank code (ADR) : CxBN(M) Tank special provisions (ADR) : TA4, TT9 Vehicle for tank carriage : AT Transport category (ADR) : 3

Special provisions for carriage - Loading, unloading and

handling (ADR)

Hazard identification number (Kemler No.) : 20

Orange plates : **T**

20 1046

: CV9, CV10, CV36

Tunnel restriction code (ADR) : E

Transport by sea

Special provisions (IMDG): 378Limited quantities (IMDG): 120 mlExcepted quantities (IMDG): E1Packing instructions (IMDG): P200EmS-No. (Fire): F-CEmS-No. (Spillage): S-VStowage category (IMDG): A

Properties and observations (IMDG) : Inert gas. Much lighter than air (0.14).

Air transport

PCA Excepted quantities (IATA) : E1

EN (English) 11/15



Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

PCA Limited quantities (IATA) : FORBIDDEN PCA limited quantity max net quantity (IATA) : FORBIDDEN PCA packing instructions (IATA) : 200 PCA max net quantity (IATA) : 75kg CAO packing instructions (IATA) : 200 CAO max net quantity (IATA) : 150kg Special provisions (IATA) : A69, A202 ERG code (IATA) : 2L

Inland waterway transport

Classification code (ADN) : 1A

Special provisions (ADN) : 378, 392, 653, 662

Limited quantities (ADN): 120 mlExcepted quantities (ADN): E1Equipment required (ADN): PPNumber of blue cones/lights (ADN): 0

Rail transport

Classification code (RID) : 1A

Special provisions (RID) : 378, 392, 653, 662

Limited quantities (RID) : 120ml Excepted quantities (RID) : E1 Packing instructions (RID) : P200 Mixed packing provisions (RID) : MP9 Portable tank and bulk container instructions (RID) : (M) Tank codes for RID tanks (RID) : CxBN(M) Special provisions for RID tanks (RID) : TA4, TT9 Transport category (RID) : 3

Special provisions for carriage - Loading, unloading and : CW9, CW10, CW36

handling (RID)

Colis express (express parcels) (RID) : CE3
Hazard identification number (RID) : 20

14.7. Maritime transport in bulk according to IMO instruments

IBC code : Not applicable.

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Not listed on REACH Annex XVII

REACH Annex XIV (Authorisation List)

Not listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Not listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Not listed on the PIC list (Regulation EU 649/2012)

EN (English) 12/15



Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

POP Regulation (Persistent Organic Pollutants)

Not listed on the POP list (Regulation EU 2019/1021)

Ozone Regulation (1005/2009)

Not listed on the Ozone Depletion list (Regulation EU 1005/2009)

VOC Directive (2004/42)

Restrictions on use : None.

Seveso Directive (Disaster Risk Reduction)

Seveso Directive: 2012/18/EU (Seveso III) : Not covered.

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

Ensure all national/local regulations are observed.

Safety data sheet in accordance with commission regulation (EU) No 2020/878.

Council Directive 89/391/EEC on the introduction of measures to encourage improvements in the safety and health of workers at work

Directive 2016/425/EEC on personal protective equipment

Directive 2014/34/EU on equipment and protective systems intended for use in potentially explosive atmospheres (ATEX)

Only products that comply with the food regulations (EC) No. 1333/2008 and (EU) No. 231/2012 and are labelled as such may be used as food additives.

This Safety Data Sheet has been produced to comply with Regulation (EU) 2015/830.

15.2. Chemical safety assessment

A CSA does not need to be carried out for this product.

SECTION 16: Other information

Indication of changes:

Safety data sheet in accordance with commission regulation (EU) No 2020/878.

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	ADR - Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	ATE - Acute Toxicity Estimate
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
CAO	Cargo Aircraft only / Cargo Aircraft only
CAS-No.	Chemical Abstract Service number
CLP	CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
COD	Chemical oxygen demand (COD)
CSA	CSA - Chemical Safety Assessment

EN (English) 13/15



Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Abbreviations and acron	ıyms:
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
EC	European Inventory of Existing Commercial Chemical Substances
ED	Endocrine disrupting properties
EINECS	EINECS - European Inventory of Existing Commercial Chemical Substances
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
IOELV	Indicative Occupational Exposure Limit Value
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
N.O.S.	Not Otherwise Specified
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PCA	Passenger and Cargo Aircraft / Passenger and Cargo Aircraft
PNEC	Predicted No-Effect Concentration
PPE	PPE - Personal Protection Equipment
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
RMM	RMM - Risk Management Measures
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
TRGS	Technical Rules for Hazardous Substances
STOT-RE	Specific Target Organ Toxicity-Repeated Exposure
STOT-SE	Specific Target Organ Toxicity-Single Exposure
UFI	Unique Formula Identifier

EN (English) 14/15



Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Abbreviations and acronyms:	
UN	UN - United Nations
VOC	Volatile Organic Compounds
vPvB	Very Persistent and Very Bioaccumulative
WGK	Water Hazard Class

Training advice	: The hazard of asphyxiation is often overlooked and must be stressed during operator training. For more guidance, refer to EIGA SL 01 "Dangers of Asphyxiation", downloadable at
	http://www.eiga.eu
Other 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 .

Full text of H- and EUH-statements:	
H280	Contains gas under pressure; may explode if heated.
Press. Gas (Comp.)	Gases under pressure : Compressed gas

The classification complies with DISCLAIMER OF LIABILITY

: ATP 12

: 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.

Safety Data Sheet (SDS), EU LT

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

End of document

EN (English) 15/15