

LIQUID OXYGEN

Date of compilation: 12.05.2026 Version: 1

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier:** Oxygen, refrigerated liquid

CAS: 7782-44-7

EC: 231-956-9

Index: 008-001-00-8

REACH: Exempt

Other means of identification:

Not available

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

Relevant uses (Industrial user)

Uses advised against: All uses not specified in this section or in section 7.3

1.3 Details of the supplier of the safety data sheet:**YOLBULAN ÇELİK SANAYİ VE TİCARET ANONİM ŞİRKETİ**

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1.4 Emergency telephone number: 112 - National Poison Center (UZEM) 114 +90 216 463 64 00**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture:****CLP Regulation (EC) No 1272/2008:**

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Press. Gas (Ref. Liq.): Gases under pressure, Refrigerated liquefied gas, H281

Ox. Gas 1: Oxidizing gases, Category 1, H270

2.2 Label elements:**CLP Regulation (EC) No 1272/2008:**

Danger

**Hazard statements:**

Press. Gas (Ref. Liq.): H281 - Contains refrigerated gas, may cause cryogenic burns or injury.

Ox. Gas 1: H270 - May cause or intensify fire, oxidiser.

Precautionary statements:

P220: Keep away from clothing and other combustible materials.

P244: Keep valves and fittings free from oil and grease.

P282: Wear cold insulating gloves and either face shield or eye protection.

P336+P315: Thaw frosted parts with lukewarm water. Do not rub affected area. Get immediate medical advice/attention.

P403: Store in a well-ventilated place.

2.3 Other hazards:

Product does not meet PBT/vPvB criteria

Endocrine-disrupting properties: The product does not meet the criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Substance:****Chemical description:** Refrigerated liquefied substance

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Identification	Chemical name/Classification	Concentration
CAS: 7782-44-7 EC: 231-956-9 Index: 008-001-00-8 REACH: Non-applicable	oxygen Regulation 1272/2008 Pressure Gas, refrigerated liquid: H281; Oxidizing Gas 1: H270- Danger 	100 %

To obtain more information on the hazards of the substances consult sections 11, 12 and 16 . The purity of the substance is used for classification purposes; see the Analysis document.

3.2 Mixture:

Non-applicable

SECTION 4: FIRST AID MEASURES
4.1 Description of first aid measures:

Exposure to rapidly expanding gases can cause frostbite burns.

By inhalation:

This product does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or persist.

By skin contact:

In situations where local frostbite burns occur due to contact with gas, contaminated clothing should not be removed if it is stuck to the skin.

By eye contact:

In case of local frostbite, rinse the eyes immediately with plenty of lukewarm water for at least 15 minutes. It is recommended to remove contact lenses if they are removable.

By ingestion/aspiration:

It is not considered a potential route of exposure.

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

Exposure to rapidly expanding gas or vaporizing liquid can cause frostbite ("cold burns"). Contact can cause irritation with redness, tearing, pain, and/or blurred vision.

4.3 Indication of any immediate medical attention and special treatment needed:

Not available

SECTION 5: FIREFIGHTING MEASURES
5.1 Extinguishing media:

Suitable extinguishing media: A fire extinguisher suitable for extinguishing burning material should be used.

Foam extinguisher (AB), Dry Chemical Powder (ABC) Fire Extinguisher, Carbon dioxide extinguisher (BC)

Unsuitable extinguishing media:

Water jet

5.2 Special hazards arising from the substance or mixture:

It supports (accelerates) combustion. Therefore, it can strengthen an existing fire.

Exposure to fire may cause containers (tubes/tanks) to rupture or burst.

Hazardous combustion products: None caused by this product.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies.

Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures:** Ensure that the clothes are not contaminated with oil and are kept clean.
- For non-emergency personnel:**
- Try to stop release if there is no additional risk for the people performing this task.
- For emergency responders:**
- Wear protective equipment. Keep unprotected persons away. See section 8.
- 6.2 Environmental precautions:**
- Try to stop release if there is no additional risk for the people performing this task.
- 6.3 Methods and material for containment and cleaning up:**
- It is recommended:
- Use water spray to reduce vapors and/or divert the vapor cloud. Try to stop the release if there is no additional risk to the persons performing this task. Evacuate and isolate the area until the gas has dispersed.
- 6.4 Reference to other sections:**
- See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling:** Ensure that the clothes are not contaminated with oil and are kept clean.
- A.- General precautions for safe use
- SAFE USE OF THE PRODUCT: Do not breathe gas. Avoid release of product into atmosphere. 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.
- SAFE HANDLING OF THE GAS RECEPTABLE: 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. Suck back of water into the container must be prevented. Open valve slowly to avoid pressure shock.
- B.- Technical recommendations for the prevention of fires and explosions
- Pressurized gases should only be carried/used by experienced and appropriately trained persons. Use equipment with the right specifications, suitable for the supply pressure and temperature of the product. Close the valve after each use and when it is drained. Replace all valve guards as soon as the container is disconnected from the equipment. Use appropriate means to transport containers: do not drag, roll, drop, etc. Prevent water from being sucked back into the container. Avoid feeding back into the container. Release air from the system before introducing gas. Only use equipment with the appropriate specifications, suitable for this product as well as the supply temperature and pressure. In case of doubt, contact your gas supplier. Make sure the ventilation is adequate. Wear the necessary personal protective equipment. See sec 10 for conditions and materials to avoid.
- C.- Technical recommendations on general occupational hygiene
- Do not eat or drink during the process, wash hands afterwards with suitable cleaning products.
- D.- Technical recommendations to prevent environmental risks
- Store in a well-ventilated place. Keep container tightly closed.
- 7.2 Conditions for safe storage, including any incompatibilities:**
- A.- Specific storage requirements
- Store in a cool, dry, well-ventilated location
- B.- General conditions for storage
- Containers should not be stored near oxidizing substances, and mechanical ventilation is required in indoor storage areas. It is important to avoid ignition sources. Containers should be stored in the vertical position and properly secured to prevent them from falling over or being knocked over. Stored containers should be periodically checked for general condition and leakage. Store away from incompatible materials (see section 10 of the SDS).
- 7.3 Specific end use(s):**

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SECTION 7: HANDLING AND STORAGE (continued)

No use other than as defined in this section and section 1.2 is prescribed.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
8.1 Control parameters:

Substances whose occupational exposure limits have to be assessed in the workplace:

There are no applicable occupational exposure limits for the substances contained in the product

DNEL (Workers):

Not available

DNEL (General population):

Not available

PNEC:

Not available

8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment: Stay away from environments with oxygen enrichment (>23.5%)

Ensure both general and local ventilation are provided, with an appropriate air renewal frequency to keep exposures below recommended limits. If no limits are established, maintain contaminants at acceptable levels. Select personal protective equipment based on risk analysis and consult with your personal protective equipment provider as needed. Make sure that personal protective equipment complies with current regulations. Periodically check containers for leaks, and consider using gas detectors when gases could potentially be released into the environment.

B.- Respiratory protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory respiratory tract protection	Not required in open area/general work			Wear cryogenic protective equipment when transferring or filling liquid oxygen

In Confined Spaces or in Case of Leakage (Oxygen Enrichment): If the oxygen level in the environment exceeds 23.5% and there is smoke, fire, or other hazard and respiratory protection is required, use SCBA (Clean Air Breathing Kit): Positive pressure breathing systems that are completely independent of the ambient air.

C.- Specific protection for the hands

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory hand protection	cryogenic (resistant to extreme cold)		EN 511 cryogenic (extreme cold resistant) glove	Change gloves before any signs of deterioration.

In the event of potential exposure to the product at low temperatures, consider the use of cold-resistant thermal gloves.

D.- Eye and face protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory face protection	Panoramic goggles against splashes and/or throws, visor.		EN 166 full face shield	

E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory complete body protection	Cryogenic protection suit			Frost and cold burn resistant protection.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory foot protection	Cryogenic protection shoes			Replace at any sign of deterioration.

F.- Additional emergency measures

It is advised to implement additional emergency equipments in workplaces that are particularly exposed to the product or in situations where risk assessments highlight the necessity of such equipments.

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

Environmental exposure controls:

To comply with environmental protection regulations, it is recommended to prevent any spillage of the product and its container. For more detailed information, please refer to subsection 7.1.D.

Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply):	0 % weight
V.O.C. density at 20 °C:	0 kg/m ³ (0 g/L)
Average carbon number:	Not available
Average molecular weight:	Not available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES
9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 20 °C:	Gas
Appearance:	Refrigerated liquefied gas
Colour:	Colorless
Odour:	Odorless
Odour threshold:	Not available *

Volatility:

Boiling point at atmospheric pressure:	-183 °C
Vapour pressure at 20 °C:	Not available *
Vapour pressure at 50 °C:	Not available *
Evaporation rate at 20 °C:	Not available *

Product description:

Density at -183 °C:	1141 kg/m ³
Gas density :	1,33 kg/m ³
Dynamic viscosity at 20 °C:	Not available *
Kinematic viscosity at 20 °C:	Not available *
Kinematic viscosity at 40 °C:	Not available *
Concentration:	Not available *
pH:	Not available *
Relative vapour density:	1,10

*Not available due to the nature of the product, not providing information property of its hazards.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Partition coefficient n-octanol/water 20 °C:	Not available *
Solubility in water at 20 °C:	Approx. 39 mg/L
Solubility properties:	Not available *
Decomposition temperature:	Not available *
Melting point/freezing point:	-218,8 °C

Flammability:

Flash Point:	Non Flammable
Flammability (solid, gas):	Not available *
Autoignition temperature:	Not available *
Lower flammability limit:	Not available *
Upper flammability limit:	Not available *

Particle characteristics:

Median equivalent diameter:	Not available *
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9.2 Other information:
Information with regard to physical hazard classes:

Explosive properties:	Not available *
Oxidising properties:	Strong oxidiser.
Corrosive to metals:	Not available *
Heat of combustion:	Not available *
Expansion Ratio :	1 L liquid ≈ 860 L gas

Other safety characteristics:

Critical temperature :	-118,6 °C
Critical pressure :	50,4 bar

*Not available due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY
10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7

10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

Materials such as carbon steel, low-alloy carbon steel, and plastics become brittle at low temperatures and are prone to breakage/damage. Use suitable materials that are compatible with cryogenic (extremely low temperature) conditions

10.3 Possibility of hazardous reactions:

Oxidizes organic matter violently. Risk of explosion if spilled on organic construction materials (such as wood or asphalt).

10.4 Conditions to avoid: In case of combustion, potential toxicity hazard due to the presence of chlorinated or fluorinated polymers in high-pressure (> 30 bar) oxygen lines. Keep equipment free from oil and grease.

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Danger of explosion	Precaution	Risk of combustion	Avoid direct impact	Avoid humidity in the system

10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Reacts violently with combustible	Oil, hydrocarbons, alkali, str bases

10.6 Hazardous decomposition products:

Not available

SECTION 11: TOXICOLOGICAL INFORMATION

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)
11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

Not classified as toxic

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for consumption. For more information see section 3
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Contact with liquefied gas may cause frostbite, in some cases with tissue injuries.
- Contact with the eyes: : Contact with liquefied gas can cause frostbite with redness, blurred vision and eye damage.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
- IARC: Not available
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
oxygen CAS: 7782-44-7 EC: 231-956-9	LD50 oral	>2000 mg/kg	Fish
	LD50 dermal	>2000 mg/kg	Rabbit
	LC50 inhalation gases	>20000 mg/L	

11.2 Information on other hazards:

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Endocrine disrupting properties

Endocrine-disrupting properties: The product does not meet the criteria.

Other information

Not available

SECTION 12: ECOLOGICAL INFORMATION

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

12.1 Toxicity:

Not available

12.2 Persistence and degradability:

Not available

12.3 Bioaccumulative potential:

Not available

12.4 Mobility in soil:

Not available

12.5 Results of PBT and vPvB assessment:

Product does not meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product does not meet the criteria.

12.7 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
	Not Relevant	-

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.

Type of waste (Regulation (EU) No 1357/2014):

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Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC, The Waste Regulations 2011, 2011 No. 988). As under 15 01 (2014/955/EU) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land:

With regard to ADR 2025 and RID 2025:

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SECTION 14: TRANSPORT INFORMATION (continued)


14.1 UN number or ID number:	UN1073
14.2 UN proper shipping name:	OXYGEN, REFRIGERATED LIQUID
14.3 Transport hazard class(es):	2
Labels:	2.2, 5.1
14.4 Packing group:	N/A
14.5 Environmental hazards:	No
14.6 Special precautions for user	
Special regulations:	-
Tunnel restriction code:	C/E
Physico-Chemical properties:	see section 9
Limited quantities:	0
14.7 Maritime transport in bulk according to IMO instruments:	Not available

Transport of dangerous goods by sea:

With regard to IMDG 42-24:



14.1 UN number or ID number:	UN1073
14.2 UN proper shipping name:	OXYGEN, REFRIGERATED LIQUID
14.3 Transport hazard class(es):	2.2
Labels:	2.2, 5.1
14.4 Packing group:	N/A
14.5 Marine pollutant:	No
14.6 Special precautions for user	
Special regulations:	-
EmS Codes:	F-C, S-W
Physico-Chemical properties:	see section 9
Limited quantities:	0
Segregation group:	Not available
14.7 Maritime transport in bulk according to IMO instruments:	Not available

Transport of dangerous goods by air:

With regard to IATA/ICAO 2026:



14.1 UN number or ID number:	UN1073
14.2 UN proper shipping name:	OXYGEN, REFRIGERATED LIQUID
14.3 Transport hazard class(es):	2.2
Labels:	2.2, 5.1
14.4 Packing group:	N/A
14.5 Environmental hazards:	No
14.6 Special precautions for user	
Physico-Chemical properties:	see section 9
14.7 Maritime transport in bulk according to IMO instruments:	Not available

SECTION 15: REGULATORY INFORMATION
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

- Article 95, REGULATION (EU) No 528/2012: Not available
- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Not available
- REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not available
- Regulation (EU) 2019/1021 on persistent organic pollutants: Not available
- Regulation (EU) 2024/590, about substances that deplete the ozone layer: Not available
- Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Not available

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc):

Not available

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SECTION 15: REGULATORY INFORMATION (continued)**Specific provisions in terms of protecting people or the environment:**

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (CDG 2009), SI 2009 No 1348
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment (Amendment) Regulations 2011, 2011 No. 1885
Control of Substances Hazardous to Health Regulations 2002 (as amended)
EH40/2005 Workplace exposure limits
The Waste Regulations 2011, 2011 No. 988

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION**Legislation related to safety data sheets:**

This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878)

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

Not available

Texts of the legislative phrases mentioned in section 2:

H270: May cause or intensify fire, oxidiser.

H281: Contains refrigerated gas, may cause cryogenic burns or injury.

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:

Ox. Gas 1: H270 - May cause or intensify fire, oxidiser.

Press. Gas: H280 - Contains gas under pressure, may explode if heated.

Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

LC50: Lethal Concentration 50

EC50: Effective concentration 50

LogPOW: Octanolwater partition coefficient

Koc: Partition coefficient of organic carbon

UFI: unique formula identifier

IARC: International Agency for Research on Cancer

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- END OF SAFETY DATA SHEET -