

3200 ppm NO, 8000 ppm SO2 in Nitrogen

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878 Reference number: SDS 01232 Issue date: 7/14/2020 Revision date: 1/13/2023 Supersedes version of: 8/25/2022 Version: 3.0

Warning



1.1. Product identifier			
SDS no		: SDS 01232	
1.2. Relevant identified	uses of the substance o	or mixture and uses advised a	gainst
Relevant identified uses Uses advised against		: Consumer use.	uses. Perform risk assessment prior to use. d above are not supported, contact your supplier for more
1.3. Details of the sup	olier of the safety data she	eet	
Air Liquide UK Ltd. Station Road Coleshill B46 1JY Birmingham United Kingdom <u>safety.aluk@airliquide.c</u>	<u>om</u>		
1.4. Emergency teleph	one number		
Emergency telephone n	umber	: 01675 462695 (Available 2	4/7)
SECTION 2: Haza	ds identification		
2.1. Classification of the	e substance or mixture		
Classification accordir	g to Regulation (EC) No.	1272/2008 [CLP]	
Physical hazards	Gases under pressure	: Compressed gas	H280
Health hazards	Acute toxicity (inhalatio	n:gas) Category 4	H332
2.2. Label elements			
2.2. Label elements Labelling according to	Regulation (EC) No. 1272	2/2008 [CLP]	
Labelling according to		2/2008 [CLP] : GHS04 : Warning	
Labelling according to Hazard pictograms (CLF	()	: GHS04 GHS07 : Warning : H280 - Contains gas under	pressure; may explode if heated.
Labelling according to Hazard pictograms (CLF Signal word (CLP) Hazard statements (CLF	r))))	GHS04 GHS07 : Warning	[•] pressure; may explode if heated.
Labelling according to	r))))	 GHS04 GHS07 GHS04 GHS07 Warning H280 - Contains gas under H332 - Harmful if inhaled. P260 - Do not breathe gas P304+P340+P315 - IF INH 	



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2.3. Other hazards

None.

Not classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Nitrogen	CAS-No.: 7727-37-9 EC-No.: 231-783-9 EC Index-No.: REACH-no: *1	98.88	Press. Gas (Comp.), H280
Sulphur dioxide	CAS-No.: 7446-09-5 EC-No.: 231-195-2 EC Index-No.: 016-011-00-9 REACH-no: 01-2119485028-34	0.8	Press. Gas (Liq.), H280 Skin Corr. 1B, H314 Eye Dam. 1, H318 Acute Tox. 3 (Inhalation:gas), H331
Nitric oxide	CAS-No.: 10102-43-9 EC-No.: 233-271-0 EC Index-No.: REACH-no: 01-2120766630-54	0.32	Ox. Gas 1, H270 Press. Gas (Comp.), H280 Skin Corr. 1B, H314 Eye Dam. 1, H318 Acute Tox. 1 (Inhalation:gas), H330

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

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

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

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

SECTION 4: First aid measures

4.1. Description of first aid measures

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

See section 11.

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

Obtain medical assistance.

SECTION 5: Firefighting measures	
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5.1. Extinguishing media

- Suitable extinguishing media

: Water spray or fog.

Product does not burn, use fire control measures appropriate for the surrounding fire.



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- Unsuitable extinguishing media	: Do not use water jet to extinguish.
5.2. Special hazards arising from the substanc	e or mixture
Specific hazards Hazardous combustion products	Exposure to fire may cause containers to rupture/explode.None that are more hazardous than the product itself.
5.3. Advice for firefighters	
Specific methods Special protective equipment for fire fighters	 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. Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. Standard EN 943-2: Protective clothing against liquid and gaseous chemicals, aerosols and solid particles. Gas-tight chemical protective suits for emergency teams. 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		
	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.	
For emergency responders	: 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. Environmental precautions		
	Try to stop release.	
6.3. Methods and material for containment	nt and cleaning up	
	Ventilate area.	
6.4. Reference to other sections		
	See also sections 8 and 13.	

7.1. Precautions for safe handling	
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 regularily) checked for leaks before use. Do not smoke while handling product. Avoid exposure, obtain special instructions before use. Use only properly specified equipment which is suitable for this product, its supply pressur and temperature. Contact your gas supplier if in doubt.



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Safe handling of the gas receptacle	 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 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 inc	
	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.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Nitric oxide (10102-43-9) United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [2]	25 ppm Limit applicable to underground mining & tunnelling industries ONLY until 21/8/23

Sulphur dioxide (7446-09-5)	
DNEL: Derived no effect level (Workers)	
Acute - local effects, inhalation	2.7 mg/m³
Long-term - local effects, inhalation	2.7 mg/m³

PNEC (Predicted No-Effect Concentration)

: None established.



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8.2. Exposure controls

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 regularily 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. perso	onal 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	
- Hand protection	: Wear working gloves when handling gas containers.
	Standard EN 388 - Protective gloves against mechanical risk, performance level 1 or higher.
- Other	: Wear safety shoes while handling containers.
	Standard EN ISO 20345 - Personal protective equipment - Safety footwear.
Respiratory protection	: Gas filters may be used if all surrounding conditions e.g. type and concentration of the contaminant(s) and duration of use are known.
	Use gas filters with full face mask, where exposure limits may be exceeded for a short-term period, e.g. connecting or disconnecting containers.
	Standard EN 137 - Self-contained open-circuit compressed air breathing apparatus with full face mask.
	Consult respiratory device supplier's product information for the selection of the appropriate device.
	Gas filters do not protect against oxygen deficiency.
	Never use any kind of filtering respiratory protection equipment when working with this
	substance due to it having poor or no warning properties.
	Standard EN 14387 - Gas filter(s), combined filter(s) and standard EN136, full face masks .
	Keep self contained breathing apparatus readily available for emergency use.
	Self contained breathing apparatus is recommended, where unknown exposure may be expected, e.g. during maintenance activities on installation systems.
Thermal hazards	: None in addition to the above sections.
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.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	
- Physical state at 20°C / 101.3kPa	: Gas.
- Colour	 Mixture contains one or more component(s) which have the following colour(s): Brownish gas Colourless.
Odour	: Odour threshold is subjective and inadequate to warn of overexposure.
	Mixture contains one or more component(s) which have the following odour: Pungent.
Melting point / Freezing point	: Not applicable for gas mixtures.
Boiling point	: Not applicable for gas mixtures.
	It is technically not possible to determine the boiling point or range of this mixture.
	Component with lowest boiling point: Nitrogen -196 °C
Flammability	: Non flammable.
Lower explosion limit	: Not available.
Upper explosion limit	: Not available.



Other data

Safety Data Sheet

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Flash point	: Not applicable for gases and gas mixtures.
Auto-ignition temperature	: Non flammable.
Decomposition temperature	: Not applicable.
pH	: Not applicable for gases and gas mixtures.
Viscosity, kinematic	: No reliable data available.
Water solubility [20°C]	: Mixture is partially soluble in water
Partition coefficient n-octanol/water (Log Kow)	: Not applicable for gas mixtures.
Vapour pressure [20°C]	: Not applicable.
Vapour pressure [50°C]	: Not applicable.
Density and/or relative density	: Not applicable.
Relative vapour density (air=1)	: Lighter or similar to air.
Particle characteristics	: Not applicable.
9.2. Other information	
9.2.1. Information with regard to physical hazar	rd classes
Explosive properties	: Not applicable.
Explosion limits	: Non flammable.
Oxidising properties	: Not applicable.
9.2.2. Other safety characteristics	
Molar mass	: Not applicable for gas mixtures.
Evaporation rate	: Not applicable for gases and gas mixtures.
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: None.

SECTION 10: Stability and reactivity	
10.1. Reactivity	
	No reactivity hazard other than the effects described in sub-sections below. Data for mixture are not available. This mixture contains components with the following reactivity : Violently oxidises organic material.
10.2. Chemical stability	
	Stable under normal conditions.
10.3. Possibility of hazardous reactions	
	None.
10.4. Conditions to avoid	
	Avoid moisture in installation systems.
10.5. Incompatible materials	
	For additional information on compatibility refer to ISO 11114.
10.6. Hazardous decomposition products	
	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information		
11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008		
cute toxicity : Harmful if inhaled.		
Nitric oxide (10102-43-9)		
LC50 Inhalation - Rat [ppm]	57.5 ppm/4h	



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Sulphur dioxide (7446-09-5)	
LC50 Inhalation - Rat [ppm]	1260 ppm/4h
Skin corrosion/irritation	: Classification criteria are not met.
Serious eye damage/irritation	: Classification criteria are not met.
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. Information on other hazards	

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

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Assessment	: Classification criteria are not met.
EC50 48h - Daphnia magna [mg/l]	: No data available.
EC50 72h - Algae [mg/l]	: No data available.
LC50 96 h - Fish [mg/l]	: No data available.

Nitric oxide (10102-43-9)	
EC50 48h - Daphnia magna [mg/l]	No data available.
EC50 72h - Algae [mg/l]	No data available.
LC50 96 h - Fish [mg/l]	No data available.

Sulphur dioxide (7446-09-5)	
EC50 48h - Daphnia magna [mg/l]	89 mg/l
EC50 72h - Algae [mg/l]	48.1 mg/l
LC50 96 h - Fish [mg/l]	No data available.

Nitrogen (7727-37-9)	
EC50 48h - Daphnia magna [mg/l]	No data available.
EC50 72h - Algae [mg/l]	No data available.
LC50 96 h - Fish [mg/l]	No data available.

12.2. Persistence and degradability

Assessment

: No ecological damage caused by this product.

12.3. Bioaccumulative potential

Assessment

: No data available.



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<u>12.4. Mobility in soil</u>	
Assessment	: No ecological damage caused by this product.
12.5. Results of PBT and vPvB assessment	
Assessment	: Not classified as PBT or vPvB.
12.6. Endocrine disrupting properties	
Assessment	:
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	: No known effects from this product.

13.1. Waste treatment methods	
	Contact supplier if guidance is required. Must not be discharged to atmosphere. 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	
	External treatment and disposal of waste should comply with applicable local and/or national regulations.

SECTION	14:	Transport information

SECTION 13: Disposal considerations

In accordance with ADR / RID / IMDG / IATA / ADN UN-No. : 1956 14.2. UN proper shipping name I compressed gas, n.o.s. (Nitrogen, Nitric oxide) Transport by oad /rail (ADR/RID) : Compressed gas, n.o.s. (Nitrogen, Nitric oxide) Transport by sea (IMDG) : Compressed gas, n.o.s. (Nitrogen, Nitric oxide) Transport by sea (IMDG) : Compressed gas, n.o.s. (Nitrogen, Nitric oxide) Transport by sea (IMDG) : Compressed gas, n.o.s. (Nitrogen, Nitric oxide) I compress	14.1. UN number or ID number	
Transport by road/rail (ADR/RID): COMPRESSED GAS, N.O.S. (Nitrogen, Nitric oxide)Transport by air (ICAO-TI / IATA-DGR): Compressed gas, n.o.s. (Nitrogen, Nitric oxide)Transport by sea (IMDG): COMPRESSED GAS, N.O.S. (Nitrogen, Nitric oxide)14.3. Transport hazard class(es): Compressed gas, n.o.s. (Nitrogen, Nitric oxide)Labelling: Import by road/rail (ADR/RID)Class: Import by road/rail (ADR/RID)Transport by road/rail (ADR/RID)Class: Import by road/rail (ADR/RID)Transport by road/rail (ADA-TI / IATA-DGR)Import by road/rail (ICAO-TI / IATA-DGR)		: 1956
Transport by air (ICAO-TI / IATA-DGR) : Compressed gas, n.o.s. (Nitrogen, Nitric oxide) Transport by sea (IMDG) : COMPRESSED GAS, N.O.S. (Nitrogen, Nitric oxide) 14.3. Transport hazard class(es) : Compressed gas, n.o.s. (Nitrogen, Nitric oxide) Labelling : 2.2 : Non-flammable, non-toxic gases. Transport by road/rail (ADR/RID) : 2 Class : 1A Hazard identification number : 20 Tunnel Restriction : E - Passage forbidden through tunnels of category E Transport by air (ICAO-TI / IATA-DGR) : E - Passage forbidden through tunnels of category E	14.2. UN proper shipping name	
Transport by sea (IMDG) : COMPRESSED GAS, N.O.S. (Nitrogen, Nitric oxide) 14.3. Transport hazard class(es)	Transport by road/rail (ADR/RID)	: COMPRESSED GAS, N.O.S. (Nitrogen, Nitric oxide)
14.3. Transport hazard class(es) Labelling 2.2 : Non-flammable, non-toxic gases. Transport by road/rail (ADR/RID) Class : 2 Classification code : 1A Hazard identification number : 20 Tunnel Restriction : E - Passage forbidden through tunnels of category E Transport by air (ICAO-TI / IATA-DGR)	Transport by air (ICAO-TI / IATA-DGR)	: Compressed gas, n.o.s. (Nitrogen, Nitric oxide)
Labelling :		: COMPRESSED GAS, N.O.S. (Nitrogen, Nitric oxide)
Z Z Z Non-flammable, non-toxic gases. Z Z Class Z Classification code Z Hazard identification number Z Tunnel Restriction Z Transport by air (ICAO-TI / IATA-DGR) E - Passage forbidden through tunnels of category E	14.3. Transport hazard class(es)	
Transport by road/rail (ADR/RID) Class : 2 Classification code : 1A Hazard identification number : 20 Tunnel Restriction : E - Passage forbidden through tunnels of category E Transport by air (ICAO-TI / IATA-DGR)	Labelling	
Class : 2 Classification code : 1A Hazard identification number : 20 Tunnel Restriction : E - Passage forbidden through tunnels of category E Transport by air (ICAO-TI / IATA-DGR) : E - Passage forbidden through tunnels of category E		2.2 : Non-flammable, non-toxic gases.
Classification code : 1A Hazard identification number : 20 Tunnel Restriction : E - Passage forbidden through tunnels of category E Transport by air (ICAO-TI / IATA-DGR) : E - Passage forbidden through tunnels of category E	,	_
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Transport by air (ICAO-TI / IATA-DGR)		
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Transport by sea (IMDG)	
Class / Div. (Sub. risk(s))	: 2.2
Emergency Schedule (EmS) - Fire	: F-C
Emergency Schedule (EmS) - Spillage	: S-V
14.4. Packing group	
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. Environmental hazards	
Transport by road/rail (ADR/RID)	: None.
Transport by air (ICAO-TI / IATA-DGR)	: None.
Transport by sea (IMDG)	: None.
14.6. Special precautions for user	
Packing Instruction(s)	
Transport by road/rail (ADR/RID)	: P200.
Transport by air (ICAO-TI / IATA-DGR)	
Passenger and Cargo Aircraft	: 200.
Cargo Aircraft only	: 200.
Transport by sea (IMDG)	: P200.
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

- Ensure valve protection device (where provided) is correctly fitted.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: Regulatory information

EU-Regulations	
Restrictions on use	: None.
Other information, restriction and prohibition regulations Seveso Directive : 2012/18/EU (Seveso III)	 Contains no substance on the REACH candidate list. Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliamen and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals Not covered.
National regulations	
Regulatory reference	: Ensure all national/local regulations are observed.
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.



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Abbreviations and acronyms	 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 Road. IXTA - International Maritime Dangerous Goods. RID - Regulations concerning the International Carriage of Dangerous Goods by Road. IXTA - International Maritime Dangerous Goods. RID - Regulations concerning the International Carriage of Dangerous Goods by Road. IXTA - 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.
Training advice	: Users of breathing apparatus must be trained. Ensure operators understand the toxicity hazard.
Further information	 Classification using data from databases maintained by the European Industrial Gases Association (EIGA). Data is maintained in EIGA doc 169 : 'Classification and Labelling Guide', downloadable at : http://www.eiga.eu. Classification in accordance with the procedures and calculation methods of Regulation (EC) 1272/2008 (CLP).

Full text of H- and EUH-statements	
Acute Tox. 1 (Inhalation:gas)	Acute toxicity (inhalation:gas) Category 1
Acute Tox. 3 (Inhalation:gas)	Acute toxicity (inhalation:gas) Category 3
Acute Tox. 4 (Inhalation:gas)	Acute toxicity (inhalation:gas) Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
H270	May cause or intensify fire; oxidiser.
H280	Contains gas under pressure; may explode if heated.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
Ox. Gas 1	Oxidising Gases, Category 1
Press. Gas (Comp.)	Gases under pressure : Compressed gas
Press. Gas (Liq.)	Gases under pressure : Liquefied gas
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B



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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.

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