Air	Lia	uide	
		aiac	

SAFETY DATA SHEET

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Revised edition no : 3.0 Revision date : 2023-01-24

Supersedes version of : 2021-07-14

NOXAL 4

NOAL_1054 UFI: 8GW2-T0DR-400N-TSYS

Country : DK / Language : EN

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

1.1. Product identifier			
Trade name		NOXAL 4	
SDS no	:	NOAL_1054 JFI: 8GW2-T0DR-400N-TSYS	
1.2 Relevant identifie	d uses of the substance or mi	ture and uses advised against	
Relevant identified use		ndustrial and professional uses. Perform	risk assessment prior to use.
			al analysis, calibration, (routine) quality control
		aboratory use, under controlled conditions	
Uses advised against	:	Contact supplier for more information on u Consumer use.	ISES.
eeee aanooa agamot			t supported, contact your supplier for more
		nformation on other uses.	
1.3. Details of the sup	plier of the safety data sheet		
Company identification	n		
Supplier AIR LIQUIDE Denma	k A/S		
Høje Taastrupvej 42			
2630 Taastrup - DEN T +45 76 25 25 25	MARK		
info.denmark@airliqu	de.com		
E-Mail address (comp		nordic-sds@airliquide.com	
1.4. Emergency telep	ione number		
Emergency telephone	iumber :	112	
0 9 1		24 / 7)	
		Availability	
SECTION 2: Haza	rds identification		
2.1. Classification of	he substance or mixture		
Classification accord	ng to Regulation (EC) No. 127	2008 [CLP]	
Physical hazards	Flammable gases, Categor	1B	H221
	Gases under pressure : Co	pressed gas	H280
2.2. Label elements			
	Bogulation (EC) No. 1272/20(
Labelling according t	Regulation (EC) NO. 12/2/200		
Labelling according to Hazard pictograms (CL			
Hazard pictograms (CL		GHS02 GHS04	
Hazard pictograms (CL Signal word (CLP)	P) :	GHS02 GHS04 Danger	
Hazard pictograms (CL	P) :	GHS02 GHS04	

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Precautionary statements (CLP)		1
- Prevention	: P210 - Keep away from heat, hot surfaces, sparks, No smoking.	open flames and other ignition sources.
- Response : P377 - Leaking gas fire: Do not extinguish, unless leak can be stopp		eak can be stopped safely.
	P381 - In case of leakage, eliminate all ignition sources.	
- Storage	: P403 - Store in a well-ventilated place.	
2.3. Other hazards		
	None.	
	Not classified as PBT or vPvB.	

The substance/mixture has no endocrine disrupting properties.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not established.

3.2. Mixtures

Name	Product identifier	Composition [V- %]:	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Argon	CAS-No.: 7440-37-1 EC-No.: 231-147-0 EC Index-No.: REACH-no: *1	93	Press. Gas (Comp.), H280
Hydrogen	CAS-No.: 1333-74-0 EC-No.: 215-605-7 EC Index-No.: 001-001-00-9 REACH-no: *1	7	Flam. Gas 1A, H220 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.

*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

None.

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SECTION 5: Firefighting measu	res	
5.1. Extinguishing media		
- Suitable extinguishing media	: Water spray or fog.	
- Unsuitable extinguishing media	Carbon dioxide.	
	Do not use water jet to extinguish.	
5.2. Special hazards arising from the su	bstance or mixture	
Specific hazards	: Exposure to fire may cause containers to rupture/ex	plode.
Hazardous combustion products	: None.	
5.3. Advice for firefighters		
Specific methods	 Use fire control measures appropriate for the surrou radiation may cause gas receptacles to rupture. Coor spray jet from a protected position. Prevent water us sewers and drainage systems. If possible, stop flow of product. Use water spray or fog to knock down fire fumes if p Do not extinguish a leaking gas flame unless absolu re-ignition may occur. Extinguish any other fire. Move containers away from the fire area if this can be approximate to the surrou set of the surrou set	ol endangered receptacles with water sed in emergency cases from entering possible. Itely necessary. Spontaneous/explosive
Special protective equipment for fire fighte	•	aratus. ontained Breathing Apparatus) for fire pressed air breathing apparatus with full

SECTION 6: Accidental release measure	es
---------------------------------------	----

6.1. Personal precautions, protective equipment	and emergency procedures	
For non-emergency personnel	 Act in accordance with local emergency plan. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Stay upwind. See section 8 of the SDS for more information on personal protective equipment 	
For emergency responders	: 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		
	Ventilate area.	
6.4 Reference to other sections		

6.4. Reference to other sections

See also sections 8 and 13.

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SECTION 7: Handling and stor	age	
7.1. Precautions for safe handling		
afe use of the product	 Do not breathe gas. Avoid release of product into atmosphere. The product must be handled in accordance with gorprocedures. Only experienced and properly instructed persons all Consider pressure relief device(s) in gas installations Ensure the complete gas system was (or is regularily Do not smoke while handling product. Use only properly specified equipment which is suita and temperature. Contact your gas supplier if in dou Avoid suck back of water, acid and alkalis. Assess the risk of potentially explosive atmospheres equipment. Purge air from system before introducing gas. Take precautionary measures against static discharg Keep away from ignition sources (including static dis Consider the use of only non-sparking tools. Ensure equipment is adequately earthed. Refer to supplier's container handling instructions. Do not allow backfeed into the container. Protect containers from physical damage; do not dra When moving cylinders, even for short distances, us designed to transport cylinders. 	nould handle gases under pressure. s. y) checked for leaks before use. able for this product, its supply pressure bt. and the need for explosion-proof ge. scharges).
2. Conditions for safe storage inclu	 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. 	
2. Conditions for safe storage, inclu		
	Observe all regulations and local requirements regar Containers should not be stored in conditions likely t Container valve guards or caps should be in place. Containers should be stored in the vertical position a from falling over. Stored containers should be periodically checked for	o encourage corrosion. and properly secured to prevent them
	Keep container below 50°C in a well ventilated place	e.

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.

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7.3. Specific end use(s)	None.	
SECTION 8: Exposure contro	ols/personal protection	
8.1. Control parameters		
OEL (Occupational Exposure Limits)	: None available.	
DNEL (Derived-No Effect Level)	: None available.	
PNEC (Predicted No-Effect Concentrat	tion) : None available.	
8.2. Exposure controls		
8.2.1. Appropriate engineering control	rols	
	Provide adequate general and local exhaust Product to be handled in a closed system. Systems under pressure should be regularily	
	Gas detectors should be used when flammab Consider the use of a work permit system e.g	ble gases/vapours may be released.
8.2.2. Individual protection measures	es, e.g. personal protective equipment	
	A risk assessment should be conducted and	select the PPE that matches the relevant risk. onsidered:
Eye/face protection	: Wear safety glasses with side shields.	
	: Wear safety glasses with side shields. Standard EN 166 - Personal eye-protection -	specifications.
	 Wear safety glasses with side shields. Standard EN 166 - Personal eye-protection - Wear working gloves when handling gas cont 	specifications. tainers.
Skin protection	 Wear safety glasses with side shields. Standard EN 166 - Personal eye-protection - Wear working gloves when handling gas cont 	specifications. tainers. mechanical risk, performance level 1 or higher
 Skin protection Hand protection 	 Wear safety glasses with side shields. Standard EN 166 - Personal eye-protection - Wear working gloves when handling gas cont Standard EN 388 - Protective gloves against Consider the use of flame resistant anti-static Standard EN ISO 14116 - Limited flame spre 	specifications. tainers. mechanical risk, performance level 1 or higher s safety clothing. ad materials.
 Skin protection Hand protection 	 Wear safety glasses with side shields. Standard EN 166 - Personal eye-protection - Wear working gloves when handling gas cont Standard EN 388 - Protective gloves against Consider the use of flame resistant anti-static Standard EN ISO 14116 - Limited flame spre Standard EN 1149-5 - Protective clothing: Ele 	specifications. tainers. mechanical risk, performance level 1 or higher s safety clothing. ad materials. ectrostatic properties.
 Skin protection Hand protection 	 Wear safety glasses with side shields. Standard EN 166 - Personal eye-protection - Wear working gloves when handling gas cont Standard EN 388 - Protective gloves against Consider the use of flame resistant anti-static Standard EN ISO 14116 - Limited flame spre 	specifications. tainers. mechanical risk, performance level 1 or higher safety clothing. ad materials. ectrostatic properties.
	 Wear safety glasses with side shields. Standard EN 166 - Personal eye-protection - Wear working gloves when handling gas cont Standard EN 388 - Protective gloves against Consider the use of flame resistant anti-static Standard EN ISO 14116 - Limited flame spre Standard EN 1149-5 - Protective clothing: Ele Wear safety shoes while handling containers. Standard EN ISO 20345 - Personal protective Standard EN 137 - Self-contained open-circu face mask. 	specifications. tainers. mechanical risk, performance level 1 or higher safety clothing. ad materials. ectrostatic properties. e equipment - Safety footwear. it compressed air breathing apparatus with full
 Skin protection Hand protection Other 	 Wear safety glasses with side shields. Standard EN 166 - Personal eye-protection - Wear working gloves when handling gas cont Standard EN 388 - Protective gloves against Consider the use of flame resistant anti-static Standard EN ISO 14116 - Limited flame spre- Standard EN 1149-5 - Protective clothing: Ele Wear safety shoes while handling containers. Standard EN ISO 20345 - Personal protective Standard EN 137 - Self-contained open-circu face mask. When indicated by a risk assessment, Respir selection of the Respiratory Protective Device anticipated exposure levels, the hazards of th selected RPD. 	specifications. tainers. mechanical risk, performance level 1 or higher safety clothing. ad materials. ectrostatic properties. e equipment - Safety footwear. it compressed air breathing apparatus with full ratory Protective Equipment must be used. The e (RPD) must be based on known or he product and the safe working limits of the
 Skin protection Hand protection Other 	 Wear safety glasses with side shields. Standard EN 166 - Personal eye-protection - Wear working gloves when handling gas cont Standard EN 388 - Protective gloves against Consider the use of flame resistant anti-static Standard EN ISO 14116 - Limited flame spre Standard EN 1149-5 - Protective clothing: Ele Wear safety shoes while handling containers. Standard EN ISO 20345 - Personal protective Standard EN 137 - Self-contained open-circu face mask. When indicated by a risk assessment, Respir selection of the Respiratory Protective Device anticipated exposure levels, the hazards of th selected RPD. Self contained breathing apparatus is recommer expected, e.g. during maintenance activities of 	specifications. tainers. mechanical risk, performance level 1 or higher safety clothing. ad materials. ectrostatic properties. e equipment - Safety footwear. it compressed air breathing apparatus with full ratory Protective Equipment must be used. The e (RPD) must be based on known or ne product and the safe working limits of the mended, where unknown exposure may be
 Skin protection Hand protection Other Respiratory protection 	 Wear safety glasses with side shields. Standard EN 166 - Personal eye-protection - Wear working gloves when handling gas cont Standard EN 388 - Protective gloves against Consider the use of flame resistant anti-static Standard EN ISO 14116 - Limited flame spre- Standard EN 1149-5 - Protective clothing: Ele Wear safety shoes while handling containers. Standard EN ISO 20345 - Personal protective Standard EN 137 - Self-contained open-circu face mask. When indicated by a risk assessment, Respir selection of the Respiratory Protective Device anticipated exposure levels, the hazards of th selected RPD. Self contained breathing apparatus is recomm 	specifications. tainers. mechanical risk, performance level 1 or higher safety clothing. ad materials. ectrostatic properties. e equipment - Safety footwear. it compressed air breathing apparatus with full ratory Protective Equipment must be used. The e (RPD) must be based on known or ne product and the safe working limits of the mended, where unknown exposure may be
 Skin protection Hand protection Other 	 Wear safety glasses with side shields. Standard EN 166 - Personal eye-protection - Wear working gloves when handling gas cont Standard EN 388 - Protective gloves against Consider the use of flame resistant anti-static Standard EN ISO 14116 - Limited flame spre Standard EN 1149-5 - Protective clothing: Ele Wear safety shoes while handling containers. Standard EN ISO 20345 - Personal protective Standard EN 137 - Self-contained open-circu face mask. When indicated by a risk assessment, Respir selection of the Respiratory Protective Device anticipated exposure levels, the hazards of th selected RPD. Self contained breathing apparatus is recommended None necessary. None in addition to the above sections. 	specifications. tainers. mechanical risk, performance level 1 or higher safety clothing. ad materials. ectrostatic properties. e equipment - Safety footwear. it compressed air breathing apparatus with full ratory Protective Equipment must be used. The e (RPD) must be based on known or ne product and the safe working limits of the mended, where unknown exposure may be

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SECTION & Devoiced and shami		
SECTION 9: Physical and chemi		
9.1. Information on basic physical and c	hemical properties	
Appearance		
- Physical state at 20°C / 101.3kPa	: Gas	
- Colour	: Colourless	
Odour	: Odourless.	
-11	Odour threshold is subjective and inadequate to w	arn of overexposure.
pH Malting point / Economiag point	: Not applicable for gases and gas mixtures.	
Melting point / Freezing point	: Not applicable for gas mixtures.	
Boiling point	: Not applicable for gas mixtures.	
Flash point	: Not applicable for gases and gas mixtures.	
Flammability	: Extremely flammable gas	
Explosive limits	: Flammability range not available.	
Lower explosion limit	: Not available	
Upper explosion limit	: Not available	
Vapour pressure [20°C]	: Not applicable.	
Vapour pressure [50°C]	: Not applicable.	
Density	: Not applicable	
Vapour density	: Not applicable for gases and gas mixtures.	
Relative density, liquid (water=1)	: Not applicable	
Relative density, gas (air=1)	: Heavier than air.	
Water solubility	: Solubility in water of component(s) of the mixture :	
	• Hydrogen: 1.6 mg/l • Argon: 67.3 mg/l	
Partition coefficient n-octanol/water (Log Ko	ow) : Not applicable for gas mixtures.	
Auto-ignition temperature	: Not known.	
Decomposition temperature	: Not applicable.	
Viscosity, kinematic	: No reliable data available.	
Particle characteristics	: Not applicable for gases and gas mixtures.	
9.2. Other information		
9.2.1. Information with regard to physica	I hazard classes	
Explosive properties	: Not applicable.	
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.
Other data	: Gas/vapour heavier than air. May accumulate in confined spaces, particularly at or below
	ground level.
	None.

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.
10.3. Possibility of hazardous reactions	
	Can form explosive mixture with air.
	May react violently with oxidants.

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10.4. Conditions to avoid	Keep away from heat, hot surfaces, sparks, open f smoking. Avoid moisture in installation systems.	flames and other ignition sources. No
10.5. Incompatible materials		
	Air, Oxidisers.	
	For additional information on compatibility refer to	ISO 11114.
10.6. Hazardous decomposition prod	<u>ucts</u>	
	Under normal conditions of storage and use, hazan be produced.	rdous decomposition products should not

SECTION 11: Toxicological information

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

Acute toxicity	: No toxicological effects from this product.
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. Information on other hazards	
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.
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.
<u>12.4. Mobility in soil</u>	
Assessment	: Because of its high volatility, the product is unlikely to cause ground or water pollution. Partition into soil is unlikely.

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12.5. Results of PBT and vPvB ass	essment		
Assessment	:	Not classified as PBT or vPvB.	
12.6. Endocrine disrupting proper	ies		
		The substance/mixture has no endocrine disruptin	g properties.
12.7. Other adverse effects			
Other adverse effects	:	No known effects from this product.	
Effect on the ozone layer		•	
Ellect on the ozone layer		None.	
Effect on global warming		None. Contains greenhouse gas(es).	
•			
•	:		
Effect on global warming	:		
Effect on global warming SECTION 13: Disposal cons	: siderations	Contains greenhouse gas(es).	
Effect on global warming SECTION 13: Disposal cons	: siderations		of forming an explosive mixture with air.
Effect on global warming SECTION 13: Disposal cons	: siderations	Contains greenhouse gas(es).	
Effect on global warming SECTION 13: Disposal cons	: siderations	Contains greenhouse gas(es). Contact supplier if guidance is required. Do not discharge into areas where there is a risk o Waste gas should be flared through a suitable bur Do not discharge into any place where its accumu	ner with flash back arrestor. lation could be dangerous.
Effect on global warming SECTION 13: Disposal cons	: siderations	Contains greenhouse gas(es). Contact supplier if guidance is required. Do not discharge into areas where there is a risk of Waste gas should be flared through a suitable bur Do not discharge into any place where its accumu Ensure that the emission levels from local regulation	ner with flash back arrestor. lation could be dangerous.
Effect on global warming SECTION 13: Disposal cons	: siderations	Contains greenhouse gas(es). Contact supplier if guidance is required. Do not discharge into areas where there is a risk of Waste gas should be flared through a suitable bur Do not discharge into any place where its accumu Ensure that the emission levels from local regulation exceeded.	ner with flash back arrestor. lation could be dangerous. ons or operating permits are not
Effect on global warming SECTION 13: Disposal cons	: siderations	Contains greenhouse gas(es). Contact supplier if guidance is required. Do not discharge into areas where there is a risk of Waste gas should be flared through a suitable bur Do not discharge into any place where its accumu Ensure that the emission levels from local regulation exceeded. Refer to the EIGA code of practice Doc.30 "Dispose	ner with flash back arrestor. lation could be dangerous. ons or operating permits are not sal of Gases", downloadable at
Effect on global warming SECTION 13: Disposal cons	: siderations	Contains greenhouse gas(es). Contact supplier if guidance is required. Do not discharge into areas where there is a risk of Waste gas should be flared through a suitable bur Do not discharge into any place where its accumu Ensure that the emission levels from local regulation exceeded. Refer to the EIGA code of practice Doc.30 "Dispose http://www.eiga.org for more guidance on suitable	ner with flash back arrestor. lation could be dangerous. ons or operating permits are not sal of Gases", downloadable at disposal methods.
Effect on global warming SECTION 13: Disposal cons 13.1. Waste treatment methods	: siderations	Contains greenhouse gas(es). Contact supplier if guidance is required. Do not discharge into areas where there is a risk of Waste gas should be flared through a suitable bur Do not discharge into any place where its accumu Ensure that the emission levels from local regulation exceeded. Refer to the EIGA code of practice Doc.30 "Dispose	ner with flash back arrestor. lation could be dangerous. ons or operating permits are not sal of Gases", downloadable at disposal methods. plier.
Effect on global warming SECTION 13: Disposal cons	: siderations	Contains greenhouse gas(es). Contact supplier if guidance is required. Do not discharge into areas where there is a risk of Waste gas should be flared through a suitable bur Do not discharge into any place where its accumu Ensure that the emission levels from local regulative exceeded. Refer to the EIGA code of practice Doc.30 "Dispose http://www.eiga.org for more guidance on suitable Return unused product in original container to sup 16 05 04 *: Gases in pressure containers (includin	ner with flash back arrestor. lation could be dangerous. ons or operating permits are not sal of Gases", downloadable at disposal methods. plier.

SECTION	14: Transport	information
---------	---------------	-------------

14.1. UN number or ID number	
In accordance with ADR / RID / IMDG / IATA / ADN UN-No.	: 1954
14.2. UN proper shipping name	
Transport by road/rail (ADR/RID) Transport by air (ICAO-TI / IATA-DGR) Transport by sea (IMDG)	 COMPRESSED GAS, FLAMMABLE, N.O.S. (Hydrogen, Argon) Compressed gas, flammable, n.o.s. (Hydrogen, Argon) COMPRESSED GAS, FLAMMABLE, N.O.S. (Hydrogen, Argon)
14.3. Transport hazard class(es)	
Labelling	2.1 : Flammable gases.
Transport by road/rail (ADR/RID)	
Class	: 2
Classification code	: 1F
Hazard identification number	: 23

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NOAL_1054 UFI: 8GW2-T0DR- 400N-TSYS Country : DK / Language : EN h tunnels of category B, C, D and E. Other				
UFI: 8GW2-T0DR- 400N-TSYS Country : DK / Language : EN h tunnels of category B, C, D and E. Other				
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400N-TSYS Country : DK / Language : EN h tunnels of category B, C, D and E. Other				
Country : DK / Language : EN h tunnels of category B, C, D and E. Other				
h tunnels of category B, C, D and E. Other				
r category D and E				
: Not established. : Not established.				
ce is not separated from the driver's				
azards 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.				
ovided) is correctly fitted.				
ovided) is correctly fitted. ed) is correctly fitted.				

SECTION 15: Regulatory information Ister the substance or mixture Ister the substance or mixture Ister the substance or mixture EU-Regulations Restrictions on use : None. Contains no substance(s) listed on the REACH Candidate List National legislation : Ensure all national/local regulations are observed. Seveso Directive : 2012/18/EU (Seveso III) : Covered. National regulations : Covered. Ensure all national/local regulations are observed. Covered. Germany : WGK nwg, Non-hazardous to water (Classification according to AwSV, Annex 1)

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National Rules and Recommendations	 [German regulations] BetriebssicherheitsV mit TRBSen 725 Ortsbewegliche Druckgasbehälter", TRBS 2141, BC Gasen", GefahrstoffV mit Technischen Regeln Gefährlic TRGS 407 "Tätigkeiten mit Gasen - Gefährdungsbeurte BGR 104, TRBS 2152. 	GRegel 500 Teil 2.33: "Umgang mit he Stoffe TRGS insbesondere				
Netherlands						
SZW-lijst van kankerverwekkende stoffen	: None of the components are listed					
SZW-lijst van mutagene stoffen	: None of the components are listed					
SZW-lijst van reprotoxische stoffen – Borstvo	ding : None of the components are listed					
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid	: None of the components are listed	None of the components are listed				
SZW-lijst van reprotoxische stoffen - Ontwikk	ling : None of the components are listed	: None of the components are listed				
Denmark						
Danish National Regulations	: Young people below the age of 18 years are not allowed	d to use the product				
Switzerland						
Storage class (LK)	: LK 2 - Liquefied or pressurized gases					
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	 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 Maritime Dangerous Goods RID - Regulations concerning the International Carriage of Dangerous Goods by Road 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
Training advice Further information	 : Ensure operators understand the flammability hazard. : 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).

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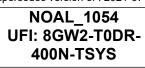
SAFETY DATA SHEET

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NOXAL 4



Country : DK / Language : EN

Full text of H- and EUH-statements	
Flam. Gas 1A	Flammable gases, Category 1A
Flam. Gas 1B	Flammable gases, Category 1B
H220	Extremely flammable gas.
H221	Flammable gas.
H280	Contains gas under pressure; may explode if heated.
Press. Gas (Comp.)	Gases under pressure : Compressed gas

or damage resulting from its use can be accepted.

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

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