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GHS la bel elements Void

4 First aid measures

Af ter inhalation: Supply fresh air; consult doctor in case of complaints.

Af ter skin contact: Generally the product does not irritate the skin.

Af ter eye contact: Rinse opened eye for at least 15 minutes under running water. Then consult a doctor. Af ter swallowing: Not applicable

5 Fire fighting measures

Su itable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

•Pro tective equipment: Wear self-contained respiratory protective device.

6 Accidental release measures

Perso n-related safety precautions:

Wear protective equipment. Keep unprotected persons away. Ensure adequate ventillation.

Stop leak - ONLY if possible to do so without risk.

•M easures for environmental protection: Prevent seepage into scwage system, workpits and/or cellars.

M easures for cleaning/collecting: Ensure adequate ventillation.

Add itional information: No dangerous substances are released.

7 Handling and storage

Han dling:

In formation for safe handling:

Handle with care. Avoid jolting, friction, and impact.

Use only in well ventilated areas.

Store cylinders upright with valve protection cap in place and firmly secured to prevent falling or being knocked over.

In formation about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Stora ge:

 Req uirements to be met by storerooms and receptacles:

 Do not expose cylinder to temperatures higher than 50°C (122 °F)

 In formation about storage in one common storage facility:

 Sources of ignition should be removed from storage area.

 Further i nformation about storage conditions:

 Keep cylinder valve tightly closed.

 Store cylinder in a well ventilated area.

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Store in accordance with local fire code and/or building code or any pertaining regulations.

8 Exposure controls and personal protection

Add itional information about design of technical systems:

Adequate local ventillation.

Safety showers and eyewash stations should be nearby.

· Components with limit values that require monitoring at the workplace:

7440-37-1 Argon (23-100%)

EL Simple asphyxiant

Additional information: The lists that were valid during the creation were used as basis.

Perso nal protective equipment:

General protective and hygienic measures:

Protective clothing should be kept free of oil and grease.

PPE should be inspected and maintained regularly to retain it's effectiveness.

B reathing equipment:

Use atmosphere-supplying respirators (e.g. supplied-air: demand, pressure-demand, or continuous-flow or selfcontained breathing apparatus: demand or pressure-demand or combination supplied-air with auxiliary selfcontained air supply atmosphere-supplying respirator) in case of insufficient ventilation. Pro tection of hands:

Protective gloves.

•M aterial of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

·E ye protection: Safety glasses

General Information	
Form:	Gaseous.
Color:	Colorless
Odor:	Odorless
Cha nge in condition	
Melting point/Melting range:	-189.2°C
Boiling point/Boiling range:	-185°C
Fla sh point:	Not applicable.
Da nger of explosion:	Product does not present an explosion hazard.

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10 Stability and reactivity

•T hermal decomposition / conditions to be avoided: No decomposition if used according to specifications. •Da ngerous reactions No dangerous reactions known.

Da ngerous products of decomposition: No dangerous decomposition products known.

11 Toxicological information

Acute toxicity:

L D/LC50 values that are relevant for classification: LC50 > 5000ppm

Primary irritant effect:

on the skin: No irritating effect.

on the eye: No irritating effect.

Se nsitization: No sensitizing effects known.

Addi tional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

The substance is not subject to classification.

12 Ecological information

General notes: Generally not hazardous for water.

13 Disposal considerations

Pro duct:

Recommendation: Unused product should be returned to vendor.

Unc leaned packagings:

Recommendation:

Cylinder and unused product should be returned to vendor. Disposable cylinder must be disposed of in accordance with local regulations.

Recommended cleansing agent: None applicable.

'T DG and DOT regulations: W <



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•M aritime transport IMDG:		
IM DG Class: UN Number:	2.2 1006	
·L abel ·Packag ing group:	2.2	n an
•E MS Number: •M arine pollutant: •Pro per shipping name;	F-C,S-V No ARGON, COMPRESSED	
·Air transport ICAO-TI and IAT	A-DGR:	· · ·
IC AO/IATA Class: •UN/ ID Number: •L abel •Packag ing group: •Pro pper shipping name:	2.2 1006 2.2 ARGON, COMPRESSED	
)6; ARGON, COMPRESSED; 2.2; -	nin na stanica sana ana sa
15 Regulations		
·Sa ra · Section 355 (extremely hazardou	is substances):	
Substance is not listed.		
Section 313 (Specific toxic chem Substance is not listed.	ical listings):	
• TSCA (Toxic Substances Contro Substance is listed.	ol Act):	
·Prop osition 65		
Chemicals known to cause cance Substance is not listed.	er:	
Chemicals known to cause repro	ductive toxicity for females:	
Chemicals known to cause repro Substance is not listed.	ductive toxicity for males:	
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(Contd. of page 5) · Chemicals known to cause developmental toxicity: Substance is not listed. · Cancerogenity categories · EPA (Environmental Protection Agency) Substance is not listed. · NTP (National Toxicology Program) Substance is not listed. · TLV (Threshold Limit Value established by ACGIH) Substance is not listed. · NIOSH-Ca (National Institute for Occupational Safety and Health) Substance is not listed. · OSHA-Ca (Occupational Safety & Health Administration) Substance is not listed. · Canadian substance listings: · Canadian Domestic Substances List (DSL) Substance is listed. · Canadian Ingredient Disclosure list (limit 0.1%) Substance is not listed. · Canadian Ingredient Disclosure list (limit 1%) Substance is not listed.

Pro duct related hazard informations:

Observe the general safety regulations when handling chemicals.

The substance is not subject to classification according to the sources of literature known to us.

The product was classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

Sa fety phrases:

Keep container tightly closed in a cool place.

16 Other information

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This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Please refer to the section 3 for NFPA and HMIS Hazard Codes.

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).

GENERAL DISCLAIMER

For terms and conditions, including limitation of liability, please refer to the purchase agreement in effect between (Contd. on page 7)



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Linde Inc. (or any of its affiliates and subsidiaries) and the purchaser.	(coma of page of
Depa rtment issuing MSDS: Customer Service Centre: 1-866-385-5349	
Abb reviations and Acronyms:	
ACGIH: American Conference of Governmental Industrial Hygienists	
CAS: Chemical Abstract Service (Division of the American Chemical Society)	
DOT: US Department of Transportation	
EINECS: European Inventory of Existing Commercial Chemical Substances	
GHS: Globally Harmonized System of Classification and Labelling of Chemicals	
HMIS: Hazardous Material Identification System	
IATA: International Air Transportation Association	
IATA-DGR: Dangerous Goods Regulations by the "International Air Transportation Association" ICAO: International Civil Aviation Association	· · · · · · · · · · · · · · · · · · ·
ICAO. International Civil Aviation Association ICAO-TI: Technical Instructions by the "International Civil Aviation Organization (ICAO)	
IMDG: International Marine Code for Dangerous Goods	
WHIMS: Workplace Hazardous Material Information System	
LC50; Lethal Concentration, 50 Percent	
LDS0: Lethal Dose, 50 Percent	
N/A: Not Applicable	

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