

Safety Data Sheet PN-800758NZ This SDS conforms to Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals

Date of issue: 18/01/2022

Revision edition no.: 4

Section: 1. Product and Co	mnany Identification
1.1 Product Identifier	
Product form	Substance
Product Name	Carbon dioxide
CAS No	124-38-9
Formula	100% CO <sub>2</sub>
Other means of identification	Zenith Sparkling Gas, CARBON DIOXIDE, CO <sub>2</sub>
1.2 Relevant identified uses of the	substance or mixture and uses advised against
Use of the substances/mixture	Beverage product dispensing. Use as directed.
1.3 Details of supplier of the safety	/ data sheet
	Zenith Heaters Limited 18 Kawakawa Place, Westgate, Auckland 0814 New Zealand Phone 0800 558 055 Email <u>sales@zenithheaters.co.nz</u> <u>www.zenithwater.co.nz</u>
1.4 Emergency telephone number	
Emergency telephone number	0800 558 055
Section: 2. Hazard Identific	ation
2.1 Classification of the substance	
Hazard Class and Category Code Reg	ulation EC 1272/2008 (CLP)
Physical hazards	Gases under pressure – Liquefied gas – Warning – (CLP: Press. Gas) - H280/H281
Classification EC 67/548 or EC 1999/4	5
	Not classified as dangerous substance/mixture.
2.2 Label elements	
Labelling Regulation EC 1272/2008	B (CLP)
Hazard Pictogram	
Hazard pictogram code	GHS04
Signal word	Warning
Hazard statement	H281 - Contains refrigerated gas; may cause cryogenic burns of injury H280 - Contains gas under pressure; may explode if heated
Precautionary statements	
Prevention	P202 - Do not handle until all safety precautions have been read and understood P261 - Avoid breathing gas



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		P262 - Do not get in eyes, on skin, or on clothing			
Response		P336+P315 - Thaw frosted parts with lukewarm water. Do not rub affected area. Get immediate medical advice / attention.			
	Storage	P403 - Use and	store in a well-v	entilated place	
		Keep container I	pelow 50°C		
2.3 Other Hazards					
Other hazards not contract the classification	ontributing to	Asphyxiant in hig	-	ns old burns/frostbite	
2.4 Unknown acute	e toxicity				
		No data availabl	e		
Section: 3. Co	mposition/Inf	ormation or	n ingredier	nts	
3.1 Substance			<u> </u>		
Name		Carbon dioxide			
Name	Content	CAS No	EC No	Annex No	Classification
Carbon Dioxide	100%	124-38-9	204-696-9	*1	Not classified (DSD/DPD) Liq. Gas (H280/H281)
3.2 Mixture Section: 4. Firs 4.1 Description of Inhalation					
Eye contact	In case of frostbite spray with water for at least 15 minutes. Apply a steri		at least 15 minutes.		
Skin contact	dressing. Obtain medical assistance.         Skin contact       MAY CAUSE FROSTBITE. For exposure to liquid, cold vapour, or solid cadioxide (dry ice), immediately warm frostbite area with warm water not to 41°C. Water temperature should be tolerable to normal skin. Maintain skin warming for at least 15 minutes or until normal colouring and sensations hereturned to the affected area. In case of massive exposure, remove clothin while showering with warm water. Seek medical evaluation and treatment soon as possible.		with warm water not to exceed ormal skin. Maintain skin louring and sensations have exposure, remove clothing		



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Ingestion	Ingestion is not considered a potential route of exposure
4.2 Most important symptoms and	effects, both acute and delayed
	No additional information available
4.3 Indication of any immediate at	tention and special treatment needed
	None
Section: 5. Firefighting mea	asures
5.1 Extinguisher media	
Suitable extinguishing media	Use extinguishing media appropriate for surrounding fire.
5.2 Special hazard arising from the	
Explosion hazard	Heat of fire can build pressure in container and cause it to rupture. Containers are equipped with a pressure relief device. No part of the container should be subjected to a temperature higher than 50°C.
Reactivity	No reactivity hazard other than the effects described in sub-sections below.
5.1 Advice for firefighters	
Specific methods	If possible, stop flow of product.
	Coordinate fire measure to the surrounding fire. Cool endangered containers with water spray jet from a protected position. Do not empty contaminated fire water into drains.
	Move away from the container and cool with water from a protected position.
	If leaking do not spray water onto container. Water surrounding area (from protected position) to contain fire.
Special protective equipment for firefighters	In confined space use self-contained breathing apparatus.
Flammable class	Non-flammable.
Section: 6. Accidental relea	ase measures
6.1 Personal precautions, protection	ve equipment and emergency procedures
Personal precautions	<ul><li>WARNING! Liquid and gas under pressure. Rapid release of gaseous carbon dioxide through a valve can result in the formation of dry ice, which is very cold and can cause frostbite.</li><li>Evacuate area.</li><li>Use protective clothing.</li></ul>
	Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe.
	Ensure adequate air ventilation.
6.2 Environmental precautions	
	Try to stop release.
	Prevent from entering sewers, basements and work pits, or any place where its accumulation can be dangerous.
6.3 Methods and material for conta	ainment and cleaning up
Clean up methods	Ventilate area.
	Prevent waste from contaminating the surrounding environment. Discard any product, residue, disposable container, or liner in an environmentally acceptable manner, in full compliance with federal, provincial, and local regulations. If



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	necessary, call your local supplier for assistance.		
6.4 Reference to other sections			
	See also sections 8 and 13.		
Section: 7. Handling and	Storage		
7.1 Precautions for safe handlin			
Safe use of product	Use only properly specified equipment which is suitable for this product, its supply pressure and temperature. Contact your gas supplier if in doubt. Only experienced and properly instructed persons should handle gases under pressure.		
	The product must be handled in accordance with good industrial hygiene and safety procedures.		
	Do not smoke while handling product.		
	Ensure the complete gas system was (or is regularly) checked for leaks before use.		
Safe handling of gas receptacle	Refer to supplier's container handling instructions.		
	Do not allow back feed into the container.		
	Protect cylinders from physical damage; do not drag, roll, slide or drop.		
	When moving bulk cylinders/containers, even for short distances, use a cart (trolley, hand truck, etc.) designed to transport bulk cylinders/containers.		
	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 cylinder 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 contaminates 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 cylinder contents.		
General	Containers, which contain or have contained flammable or explosive substances, must not be inerted with liquid carbon dioxide. Potential production of solid CO <sub>2</sub> particles must be ruled out. In order to rule out potential electrostati discharge production, the system must be adequately grounded.		
Handling	Suck back of water into the container must be prevented.		
	Do not allow backfeed into the container.		
	Use only properly specified equipment which is suitable for this product, its supply pressure and temperature. Contact your gas supplier if in doubt.		



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	Refer to supplier's container handling instructions.			
7.2 Conditions for safe storage, including any incompatibilities				
	<ul> <li>Keep away from combustible materials.</li> <li>Keep container below 50°C in a well ventilated place.</li> <li>Observe all regulations and local requirements regarding storage of containers.</li> <li>Containers should not be stored in conditions likely to encourage corrosion.</li> <li>Containers should be stored in the vertical position and properly secured to prevent toppling.</li> <li>Stored containers should be periodically checked for general condition and leakage.</li> <li>Container valve guards or caps should be in place.</li> <li>Store containers in location free from fire risk and away from sources of heat and ignition.</li> </ul>			
Storage	Keep container below 50°C in a well ventilated place.			
7.3 Specific end use				
	None			
Section: 8. Exposure control	ol/personal protection			
8.1 Control parameters				
Occupational Exposure Limits Carbon dioxide	<ul> <li>x Value 8h (CZ) [mg/m3] : 9000</li> <li>x ILV (EU) - 8 H - [mg/m3] : 9000</li> <li>x ILV (EU) - 8 H - [ppm] : 5000</li> <li>x TLV© -TWA [ppm] : 5000</li> <li>x TLV© -STEL [ppm] : 30000</li> <li>x AGW (8h) - Germany [mg/m3] TRGS 900 : 9100</li> <li>x AGW (8h) - Germany [ppm] TRGS 900 : 5000</li> <li>x MAK (AU) Tagesmittelwert (ml/m3) : 5000</li> <li>x MAK (AU) Tagesmittelwert (mg/m3) : 9000</li> <li>x MAK (AU) Kurzzeitwerte (mg/m3) : 10000</li> <li>x MAK (AU) Kurzzeitwerte (mg/m3) : 10000</li> <li>x MAK (AU) Kurzzeitwerte (mg/m3) : 10000</li> <li>x VLA-ED - Spain [ppm] : 5000</li> <li>x VLA-ED - Spain [ppm] : 15000</li> <li>x VLA-EC - Spain [mg/m3] : 27400</li> <li>x NGV - [ppm] : 5000</li> <li>x KTV - [mg/m3] : 10</li> <li>x Grænserværdier (DK) (ppm) : 5000</li> <li>x Grænserværdier (DK) (ppm) : 5000</li> <li>x GV Value Limit (Norway) [mg/m3] : 9100</li> <li>x GV Value Limit (Norway) [mg/m3] : 9000</li> <li>x AFU (PL) (NDS) (mg/m3) : 9000</li> <li>x AFU (PL) (NDS) (mg/m3) : 9000</li> <li>x Valori Limite di Soglia (IT) 8 or [ppm] : 5000</li> </ul>			



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x TLV-TWA (Belgium) (ppm) : 5000 x TLV-STEL (Belgium) (ppm) : 30000 x Value 15min. (CZ) [mg/m3] : 45000 In Australia, the recognised exposure limits Weighted Average (TWA) of 5,000 ppm an Limit (STEL) of 30,000 ppm. CO <sub>2</sub> at 40,000		L (Belgium) (ppm) : 30000 min. (CZ) [mg/m3] : 45000 recognised exposure limits for CC re (TWA) of 5,000 ppm and a 15	minute Short Term Exposure	
DNEL: Derived no effect	level	None available		
PNEC: Predicted no effe	ct	None available		
8.2 Exposure control				
8.2.1 Appropriate	engineering control			
8.2.2 Individual protectio measures, e.g. personal 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. Wear safety glasses with side shields Wear leather safety gloves and safety shoes when handling cylinders.		
Personal protection		Ensure adequate Protect eyes, fac	ventilation. e and skin from liquid splashes.	
8.2.3 Appropriate engineering control		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 st / 101.3kPa		Liquefied gas		
Colour		Colourless.		
Odour		No odour warning	g properties.	
Odour threshold		Odour threshold	is subjective and inadequate to w	arn for overexposure.
pH value		Not applicable for gas-mixtures		
Molar mass [g/mol]		Not applicable for gases and gas-mixtures.		
Melting point [°C]		-56.6		
Boiling point [°C]		-78.5 (s)		
Critical temperature [°C]		30		
Flash point [°C]     Not applicable for gas-mixtures.				
Evaporation rate (ether=1)       Not applicable for gas-mixtures.				
Flammability range [vol%	6 in air]	Non-flammable		
Vapour pressure [20°C]		57.3 bar Not applicable		



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Relative density, liquid (water=1)       1.03         Solubility in water [mg/l]       2000         Partition coefficient n-octanol/water       Not applicable for gas-mixtures.         Viscosity at 20°C [mPa.s]       Not applicable.         Explosive Properties       Not applicable.         9.2 Other information       Gas/vapour heavier than air. May accumulate in confined spaces, particularly at or below ground level.         Additional information       Gas/vapour heavier than air. May accumulate in confined spaces, particularly at or below ground level.         Molecular weight       44         Section: 10. Stability and reactivity       No reactivity hazard other than the effects described in sub-sections below.         Stability and reactivity       No reactivity hazard other than the effects described in sub-sections below.         Stability and reactivity       Stable under normal conditions.         Liquid spilages can cause embrittlement of structural materials.       Incertains.         10.2 Chemical stability       Stable under normal conditions         10.3 Possibility of hazardous reactions       None         10.4 Conditions to avoid       None         10.5 Incompatible materials       None         10.6 Hazardous decomposition products should not be produced.       None         10.6 Hazardous decomposition products should not be produced.       Strange and use, hazardous deco	Relative density, gas (air=1)	1.52	
Solubility in water [mg/l]       2000         Partition coefficient n-octanol/water       Not applicable for gas-mixtures.         Viscosity at 20°C [mPa.s]       Not applicable.         Explosive Properties       Not applicable.         9.2 Other information       Gas group         Additional information       Gas/vapour heavier than air. May accumulate in confined spaces, particularly at or below ground level.         Molecular weight       44         Section: 10. Stability and reactivity       No reactivity hazard other than the effects described in sub-sections below.         Stability and reactivity       No reactivity hazard other than the effects described in sub-sections below.         Stable under normal conditions.       Liquid spillages can cause embrittlement of structural materials.         10.2 Chemical stability       Stable under normal conditions         10.3 Possibility of hazardous reactions       None         10.4 Conditions to avoid       None         10.5 Incompatible materials       None         10.6 Hazardous decomposition products should not be produced.       Under normal conditions of storage and use, hazardous decomposition products should not be produced.         Section: 11. Toxicological information       11.1 Information on toxicological effects			
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Explosive Properties         Not applicable.           9.2 Other information         Liquefied gas           Additional information         Gas/vapour heavier than air. May accumulate in confined spaces, particularly at or below ground level.           Molecular weight         44           Section: 10. Stability and reactivity         Moreactivity           10.1 Reactivity         No reactivity hazard other than the effects described in sub-sections below. Stable under normal conditions. Liquid spillages can cause embritlement of structural materials.           10.2 Chemical stability         Stable under normal conditions           10.3 Possibility of hazardous reactions         None           10.4 Conditions to avoid         None           10.5 Incompatible materials         None           10.6 Hazardous decomposition products         Under normal conditions of storage and use, hazardous decomposition products should not be produced.           Section: 11. Toxicological information         Under normal conditions of storage and use, hazardous decomposition products should not be produced.	Partition coefficient n-octanol/water	Not applicable for gas-mixtures.	
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Gas group       Liquefied gas         Additional information       Gas/vapour heavier than air. May accumulate in confined spaces, particularly at or below ground level.         Molecular weight       44         Section: 10. Stability and reactivity       No reactivity hazard other than the effects described in sub-sections below.         Stability and reactivity       No reactivity hazard other than the effects described in sub-sections below.         Stability and reactivity       Stable under normal conditions.         Liquid spillages can cause embrittlement of structural materials.         10.2 Chemical stability       Stable under normal conditions         10.3 Possibility of hazardous reactions       None         10.4 Conditions to avoid       None         10.5 Incompatible materials       None         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 toxicological effects	Explosive Properties	Not applicable.	
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or below ground level.         Molecular weight       44         Section: 10. Stability and reactivity         10.1 Reactivity         Stability and reactivity         Stability and reactivity         Stability and reactivity         Stable under normal conditions.         Liquid spillages can cause embrittlement of structural materials.         10.2 Chemical stability         Stable under normal conditions         10.3 Possibility of hazardous reactions         None         10.4 Conditions to avoid         None         10.5 Incompatible materials         None         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 toxicological effects	Gas group	Liquefied gas	
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Liquid spillages can cause embrittlement of structural materials.         10.2 Chemical stability         Stable under normal conditions         10.3 Possibility of hazardous reactions         None         10.4 Conditions to avoid         None         10.5 Incompatible materials         None         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 toxicological effects			
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Stable under normal conditions         10.3 Possibility of hazardous reactions         None         10.4 Conditions to avoid         None         10.5 Incompatible materials         None         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 toxicological effects		Liquid spillages can cause embrittlement of structural materials.	
10.3 Possibility of hazardous reactions         None         10.4 Conditions to avoid         None         10.5 Incompatible materials         None         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 toxicological effects	10.2 Chemical stability	Stable under normal conditions	
10.4 Conditions to avoid       None         10.5 Incompatible materials       None         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 toxicological effects	10.3 Possibility of hazardous react		
None         10.5 Incompatible materials         None         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 toxicological effects		None	
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None           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 toxicological effects	10.5 Incompatible materials		
Under normal conditions of storage and use, hazardous decomposition products should not be produced. Section: 11. Toxicological information 11.1 Information on toxicological effects			
should not be produced. Section: 11. Toxicological information 11.1 Information on toxicological effects	10.6 Hazardous decomposition pro		
11.1 Information on toxicological effects		should not be produced.	
	Section: 11. Toxicological information		
Toxicity informationIn high concentrations cause rapid circulatory insufficiency even at normal levels of oxygen concentration. Symptoms are headache, nausea and vomiting, which may lead to unconsciousness and death	Toxicity information	of oxygen concentration. Symptoms are headache, nausea and vomiting, which	
Acute toxicity No known toxicological effects from this product.	Acute toxicity	No known toxicological effects from this product.	
Rat inhalation LC50 [ppm/4h]     No data available.	Rat inhalation LC50 [ppm/4h]	No data available.	
Skin corrosion/irritation         No known effects from this product.	Skin corrosion/irritation	No known effects from this product.	
Serious eye damage/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.	Respiratory or skin sensitisation	No known effects from this product.	
STOT-single exposure         No known effects from this product.	STOT-single exposure	No known effects from this product.	
STOT-repeated exposure         No known effects from this product.		No known offerste from this product	



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Aspiration hazard	Not applicable for gases and gas-mixtures
Section: 12. Ecological info	
12.1 Toxicity	
	No data available
12.2 Persistence – degradability	
	No data available
12.3 Bioaccumulative potential	
	No data available
12.4 Mobility in soil	
	No data available
12.5 Results of PBT and vPvB ass	essment
	No data available
12.6 Other adverse effects	
Ecological effects information	When discharged in large quantities may contribute to the greenhouse effect. Can cause frost damage to vegetation.
Effect on global warming	Contains greenhouse gas(es) not covered by 842/2006/EC
Global warming potential [CO2=1]	1
Section: 13. Disposal cons	ideration
13.1 Waste treatment methods	
	May be vented to atmosphere in a well ventilated place.
	Do not discharge into any place where its accumulation could be dangerous.
	Refer to the code of practice of EIGA (Doc. 30/10 "Disposal of Gases, downloadable at http://www.eiga.org) for more guidance on suitable disposal methods.
	Contact supplier if guidance is required.
General	Do not discharge into any place where its accumulation could be dangerous. Discharge to atmosphere in large quantities should be avoided. Contact supplier if guidance is required.
13.2 Additional information	
	None
Section: 14. Transport info	rmation
UN Number	1013
Labelling ADR, IMDG, IATA	2.2: Non-flammable, non-toxic gas
Land transport (ADD/DID)	
Land transport (ADR/RID)	
H.I. nr	20



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UN proper shipping name	CARBON DIOXIDE		
Transport hazard class(es)	2		
Classification code	2 A		
Packing Instruction(s)	P200		
Tunnel Restriction	C/E Tank carriage: Passage forbidden through tunnels of category C, D and E; Other carriage: Passage forbidden through tunnels of category E		
HAZCHEM - Emergency Action Code	<ul> <li>2T</li> <li>2 = Fine water spray.</li> <li>T = Recommended personal protective equipment: Full fire kit and breathing apparatus.</li> <li>Appropriate measures: dilute.</li> </ul>		
Sea transport (IMDG)			
Proper shipping name	CARBON DIOXIDE		
Class	2.2		
Emergency Schedule (EmS) - Fire	F-C		
Emergency Schedule (EmS) - Spillage	S-V		
Packing instruction	P200		
Air transport (ICAO-TI/IATA- DGR)			
Proper shipping name (IATA)	CARBON DIOXIDE		
Class	2.2		
Passenger and Cargo Aircraft	Allowed.		
Packing instruction - Passenger and Cargo Aircraft	200		
Packing instruction - Cargo Aircraft only	200		
Special precaution for user			
	<ul> <li>x Avoid transport on vehicles where the load space is not separated from the driver's compartment.</li> <li>x 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.</li> <li>x Before transporting product containers :         <ul> <li>Ensure there is adequate ventilation.</li> <li>Ensure that containers are firmly secured.</li> <li>Ensure cylinder valve is closed and not leaking.</li> <li>Ensure valve outlet cap nut or plug (where provided) is correctly fitted.</li> <li>Ensure valve protection device (where provided) is correctly fitted.</li> </ul> </li> </ul>		
Labelling ADR	2.2: Non-flammable, non-toxic gas.		
In case of spillage and/or leakage	Clean up even minor leaks or spills if possible without unnecessary risk		



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Other transport information	<ul> <li>x Avoid transport on vehicles where the load space is not separated from the driver's compartment.</li> <li>x 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.</li> <li>x Before transporting product containers :         <ul> <li>o Ensure that containers are firmly secured.</li> <li>o Ensure there is adequate ventilation.</li> <li>o Compliance with applicable regulations.</li> </ul> </li> </ul>			
Personal precautions	The driver shall not attempt to deal with any fire of the load.			
Emergency action in case of accident	Stop the engine. No naked lights. No smoking. Mark roads and warns other road users. Keep public away from danger area. NOTIFY POLICE AND FIRE BRIGADE IMMEDIATELY.			
Additional information	None			

Section: 15. Regulatory information				
15.1 Safety, health and environmental regulations/legislation specific for substance or mixture				
EU legislation				
Seveso directive 96/82/EC	Not covered.			
National legislation				
	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	Revised safety data sheet in accordance with commission regulation (EU) No 453/2010			
Training advice	Asphyxiant in high concentrations. Receptacle under pressure. May cause frostbite. Keep container in a well-ventilated place. Do not breathe the gas. Ensure all national/local regulations are observed. The hazard of asphyxiation is often overlooked and must be stressed during operator training.			
List of full text of H-statements in section 3	H280 - Contains gas under pressure; may explode if heated.			
Further information	Classification in accordance with calculation methods of regulation (EC) 1272/2008 CLP / (EC) 1999/45 DPD. This Safety Data Sheet has been established in accordance with the applicable European Union legislation.			
Note	This Safety Data Sheet has been established in accordance with the applicable European Union legislation.			



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DISCLAIMER OF LIABIL	<b>J</b>	Before using this product in any new process or experiment, a thorough material compatibility and safety study should be carried out.				
	press. Whilst	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.				

The contents and format of this SDS are in accordance with EC Commission Directive 2001/58/EC.

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End of document.



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