

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

018A_DG

Alinak Drinkaga

	Alipak Drinkgas
SECTION 1: Identification o	f the substance/mixture and of the company/undertaking
1.1. Product identifier	
Product form	: Substance
Trade name	: Alipak Drinkgas
SDS code	: 018A_DG
Internal reference no.	: 002086
Chemical description	: Carbon dioxide
CAS-No.	: 124-38-9
EC-No.	: 204-696-9
EC Index-No.	·
Registration-No.	: Listed in Annex IV / V REACH, exempted from registration.
Chemical formula	: CO2
1.2. Relevant identified uses of the	e substance or mixture and uses advised against
Relevant identified uses	: Industrial and professional. Perform risk assessment prior to use.
	Food applications.
	Contact supplier for more information on uses.
Uses advised against	: Consumer use.
1.3. Details of the supplier of the s	afety data sheet
Company identification	: Sapio Produzione Idrogeno Ossigeno Srl
	Via S. Pellico, 48
	20900 Monza - ITALIA
	+39 039 83981 +39 039 836068
	http://www.sapio.it/
	sds@sapio.it
1.4. Emergency telephone number	
1.4. Emergency telephone number Emergency telephone number	· : +39 0295705444 (24/7)
Emergency telephone number	: +39 0295705444 (24/7)
Emergency telephone number SECTION 2: Hazards identif	: +39 0295705444 (24/7)
Emergency telephone number SECTION 2: Hazards identif 2.1. Classification of the substance	: +39 0295705444 (24/7) iication e or mixture
Emergency telephone number SECTION 2: Hazards identif 2.1. Classification of the substance Classification according to Regulation	: +39 0295705444 (24/7) fication e or mixture
Emergency telephone number SECTION 2: Hazards identif 2.1. Classification of the substance Classification according to Regulation Physical hazards Gas	: +39 0295705444 (24/7) fication e or mixture (EC) No. 1272/2008 [CLP]
Emergency telephone number SECTION 2: Hazards identif 2.1. Classification of the substance Classification according to Regulation Physical hazards Gas 2.2. Label elements	: +39 0295705444 (24/7)
Emergency telephone number SECTION 2: Hazards identif 2.1. Classification of the substance Classification according to Regulation Physical hazards Gas 2.2. Label elements	: +39 0295705444 (24/7)
Emergency telephone number SECTION 2: Hazards identif 2.1. Classification of the substance Classification according to Regulation Physical hazards Gas 2.2. Label elements	: +39 0295705444 (24/7)
Emergency telephone number SECTION 2: Hazards identif 2.1. Classification of the substance Classification according to Regulation Physical hazards Case 2.2. Label elements Labelling according to Regulation (EC)	: +39 0295705444 (24/7)
Emergency telephone number SECTION 2: Hazards identif 2.1. Classification of the substance Classification according to Regulation Physical hazards Gas 2.2. Label elements Labelling according to Regulation (EC)	: +39 0295705444 (24/7)
Emergency telephone number SECTION 2: Hazards identif 2.1. Classification of the substance Classification according to Regulation Physical hazards Gas 2.2. Label elements Labelling according to Regulation (EC)	: +39 0295705444 (24/7)
Emergency telephone number SECTION 2: Hazards identif 2.1. Classification of the substance Classification according to Regulation Physical hazards Gas 2.2. Label elements Labelling according to Regulation (EC)	: +39 0295705444 (24/7)
Emergency telephone number SECTION 2: Hazards identif 2.1. Classification of the substance Classification according to Regulation Physical hazards Gas 2.2. Label elements Labelling according to Regulation (EC) Hazard pictograms (CLP)	: +39 0295705444 (24/7) Fication e or mixture (EC) No. 1272/2008 [CLP] ses under pressure: Liquefied gas H280 No. 1272/2008 [CLP] : : : : : : : : : : : : : : : : : :
Emergency telephone number SECTION 2: Hazards identif 2.1. Classification of the substance Classification according to Regulation Physical hazards Case C.2. Label elements Labelling according to Regulation (EC) Hazard pictograms (CLP) Signal word (CLP)	: +39 0295705444 (24/7) fication e or mixture (EC) No. 1272/2008 [CLP] ses under pressure: Liquefied gas H280 No. 1272/2008 [CLP] $i \qquad \qquad$
Emergency telephone number SECTION 2: Hazards identif 2.1. Classification of the substance Classification according to Regulation Physical hazards Case C.2. Label elements Labelling according to Regulation (EC) Hazard pictograms (CLP) Signal word (CLP)	: +39 0295705444 (24/7) fication e or mixture (EC) No. 1272/2008 [CLP] ses under pressure: Liquefied gas H280 No. 1272/2008 [CLP] · · · · · · · · · · · · · · · · · · ·
Emergency telephone number SECTION 2: Hazards identif 2.1. Classification of the substance Classification according to Regulation Physical hazards Gas 2.2. Label elements Labelling according to Regulation (EC) Hazard pictograms (CLP) Signal word (CLP) Hazard statements (CLP)	: +39 0295705444 (24/7) fication e or mixture (EC) No. 1272/2008 [CLP] ses under pressure: Liquefied gas H280 No. 1272/2008 [CLP] · · · · · · · · · · · · · · · · · · ·
Emergency telephone number SECTION 2: Hazards identif 2.1. Classification of the substance Classification according to Regulation Physical hazards Gas 2.2. Label elements Labelling according to Regulation (EC) Hazard pictograms (CLP) Signal word (CLP) Hazard statements (CLP)	: +39 0295705444 (24/7) Fication e or mixture (EC) No. 1272/2008 [CLP] ses under pressure: Liquefied gas H280 No. 1272/2008 [CLP] i Varia i Varning : H280 - Contains gas under pressure; may explode if heated.
Emergency telephone number SECTION 2: Hazards identif 2.1. Classification of the substance Classification according to Regulation Physical hazards Gas 2.2. Label elements Labelling according to Regulation (EC) Hazard pictograms (CLP) Signal word (CLP) Hazard statements (CLP)	: +39 0295705444 (24/7) fication e or mixture (EC) No. 1272/2008 [CLP] ses under pressure: Liquefied gas H280 No. 1272/2008 [CLP] · · · · · · · · · · · · · · · · · · ·
Emergency telephone number SECTION 2: Hazards identif 2.1. Classification of the substance Classification according to Regulation Physical hazards Gas 2.2. Label elements Labelling according to Regulation (EC) Hazard pictograms (CLP) Signal word (CLP) Hazard statements (CLP) Precautionary statements (CLP)	: +39 0295705444 (24/7) Fication e or mixture (EC) No. 1272/2008 [CLP] ses under pressure: Liquefied gas H280 No. 1272/2008 [CLP] i Varing : Varning : H280 - Contains gas under pressure; may explode if heated.
Emergency telephone number SECTION 2: Hazards identif 2.1. Classification of the substance Classification according to Regulation Physical hazards Gas 2.2. Label elements Labelling according to Regulation (EC) Hazard pictograms (CLP) Signal word (CLP) Hazard statements (CLP) Precautionary statements (CLP) 2.3. Other hazards	 : +39 0295705444 (24/7) Fication e or mixture (EC) No. 1272/2008 [CLP] ses under pressure: Liquefied gas H280 No. 1272/2008 [CLP] · Varning · H280 - Contains gas under pressure; may explode if heated. · Storage : P403 - Store in a well-ventilated place.
Emergency telephone number SECTION 2: Hazards identif 2.1. Classification of the substance Classification according to Regulation Physical hazards Gas 2.2. Label elements Labelling according to Regulation (EC) Hazard pictograms (CLP) Signal word (CLP) Hazard statements (CLP) Precautionary statements (CLP)	 : +39 0295705444 (24/7) Fication e or mixture (EC) No. 1272/2008 [CLP] bes under pressure: Liquefied gas H280 No. 1272/2008 [CLP] i Varning i H280 - Contains gas under pressure; may explode if heated. storage : P403 - Store in a well-ventilated place. sification : Asphyxiant in high concentrations.
Emergency telephone number SECTION 2: Hazards identif 2.1. Classification of the substance Classification according to Regulation Physical hazards Case C.2. Label elements Labelling according to Regulation (EC) Hazard pictograms (CLP) Signal word (CLP) Hazard statements (CLP) Precautionary statements (CLP) 2.3. Other hazards	 : +39 0295705444 (24/7) Fication e or mixture (EC) No. 1272/2008 [CLP] ses under pressure: Liquefied gas H280 No. 1272/2008 [CLP] i visual distribution of the state distributication of the state distributication of the state distributicat

SECTION 3: Composition/information on ingredients

3.1. Substances

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Carbon dioxide	CAS-No.: 124-38-9 EC-No.: 204-696-9 EC Index-No.: Registration-No.: *1	100	Press. Gas (Liq.), H280



according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

018A_DG

Alipak Drinkgas

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

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

*2: Registration deadline not expired.

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

3.2. Mixtures

Not applicable

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	In case of frostbite spray with water for at least 15 minutes. Apply a sterile dressing. Obtain medical assistance.
- Eye contact	: Immediately flush eyes thoroughly with water for at least 15 minutes.
- Ingestion	: Ingestion is not considered a potential route of exposure.
4.2. Most important symptoms and effects	both acute and delayed
	In high concentrations may cause asphyxiation. Symptoms may include loss of mobility/consciousness. Victim may not be aware of asphyxiation.
	Low concentrations of CO2 cause increased respiration and headache.
	Refer to section 11.

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

None.

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
 Suitable extinguishing media Unsuitable extinguishing media 	Water spray or fog.Do not use water jet to extinguish.
5.2. Special hazards arising from the subst	ance or mixture
Specific hazards	: Exposure to fire may cause containers to rupture/explode.
Hazardous combustion products	: None.
5.3. Advice for firefighters	
Specific methods	 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.
Special protective equipment for fire fighters	 In confined space use self-contained breathing apparatus. Standard protective clothing and equipment (Self Contained Breathing Apparatus) for fire fighters. Standard EN 137 - Self-contained open-circuit compressed air breathing apparatus with full face mask. Standard EN 469 - Protective clothing for firefighters. Standard - EN 659: Protective gloves for firefighters.

SECTION 6: Accidental release measures

 6.1. Personal precautions, protective equipment and emergency procedures

 Try to stop release.

 Evacuate area.

 Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe.

 Ensure adequate air ventilation.

 Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous.

 Act in accordance with local emergency plan.

 Stay upwind.

 Oxygen detectors should be used when asphyxiating gases may be released.

 6.2. Environmental precautions

 Try to stop release.

 6.3. Methods and material for containment and cleaning up

 Keep area evacuated and free from ignition sources until any spilled liquid has evaporated (ground free from frost).

6.4.	Reference	to	other	sections

Sapio Produzione Idrogeno Ossigeno Srl



according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

018A_DG

Alipak Drinkgas

See also sections 8 and 13.

7.1. Precautions for safe handling	
Safe use of the product	 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. Use only properly specified equipment which is suitable for this product, its supply pressure and temperatur Contact your gas supplier if in doubt. Avoid suck back of water, acid and alkalis. Do not breathe gas. Avoid release of product into atmosphere. Containers, which contain or have contained flammable or explosive substances, must not be inerted with liquid carbon dioxide. Potential production, the system must be adequately grounded.
Safe handling of the gas receptacle	 Do not allow backfeed into the container. Protect receptacles from physical damage; do not drag, roll, slide or drop. When moving receptacles, even for short distances, use a cart (trolley, hand truck, etc.) designed to transport receptacles. 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 receptacle 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 receptacle contents. Suck back of water into the container must be prevented. Open valve slowly to avoid pressure shock.
7.2. Conditions for safe storage, includi	ng any incompatibilities
	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.

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Carbon dioxide (124-38-9)		
OEL : Occupational Exposure Lin	nits	
	ACGIH TWA (ppm)	5000 ppm
ACGIH	ACGIH STEL (ppm)	30000 ppm
Ren	Remark (ACGIH)	Asphyxia
	Regulatory reference	ACGIH 2017
	TWA (IT) OEL 8h [mg/m ³]	9000 mg/m ³
Italy	TWA (IT) OEL 8h [ppm]	5000 ppm
	Regulatory reference	Allegato XXXVIII del D.Lgs. 9 aprile 2008, n. 81 e s.m.i.
DNEL (Derived-No Effect Level)	: None available.	
PNEC (Predicted No-Effect Conce	ntration) : None available.	
3.2. Exposure controls		



according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Revision date: 04/07/2018 Version: 1.0

018A_DG

Alipak Drinkgas

8.2.1. Appropriate engineering controls		
		Provide adequate general and local exhaust ventilation. Systems under pressure should be regularily checked for leakages. Ensure exposure is below occupational exposure limits (where available). Oxygen detectors should be used when asphyxiating gases may be released. Consider the use of a work permit system e.g. for maintenance activities. CO2 detectors should be used when CO2 may be released.
8.2.2. Individual protection measures, e.g. pers	50	nal 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 goggles when transfilling or breaking transfer connections.
		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.
		Wear cold insulating gloves when transfilling or breaking transfer connections.
		Standard EN 511 - Cold insulating gloves.
- 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.
		Gas filters do not protect against oxygen deficiency.
		Self contained breathing apparatus (SCBA) or positive pressure airline with mask are to be used in oxygen- deficient atmospheres.
		Standard EN 14387 - Gas filter(s), combined filter(s) and full face mask - EN 136.
		Standard EN 137 - Self-contained open-circuit compressed air breathing apparatus with full face mask.
Thermal hazards	:	None in addition to the above sections.
8.2.3. Environmental exposure controls		

None necessary.

SECTION 9: Physical and chemical p	operties
9.1. Information on basic physical and chemic	Il properties
Appearance	
• Physical state at 20°C / 101.3kPa	: Gas
Colour	: Colourless.
Odour	No odour warning properties.
Odour threshold	: Odour threshold is subjective and inadequate to warn of overexposure.
pH	Not applicable for gases and gas mixtures.
Melting point / Freezing point	-78,5 °C At atmospheric pressure dry ice sublimes into gaseous carbon dioxide.
Boiling point	: -56,6 °C
Flash point	: Not applicable for gases and gas mixtures.
Evaporation rate	Not applicable for gases and gas mixtures.
Flammability (solid, gas)	Non flammable.
Explosive limits	Non flammable.
Vapour pressure [20°C]	: 57,3 bar(a)
Vapour pressure [50°C]	Not applicable.
Vapour density	Not applicable.
Relative density, liquid (water=1)	: 0,82
Relative density, gas (air=1)	: 1,52
Water solubility	: 2000 mg/l Completely soluble.
Partition coefficient n-octanol/water (Log Kow)	: 0,83
Auto-ignition temperature	Non flammable.
Decomposition temperature	Not applicable.
Viscosity	No reliable data available.
Explosive properties	Not applicable.
Oxidising properties	Not applicable.

9.2. Other information

Sapio Produzione Idrogeno Ossigeno Srl



according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

018A_DG

Alinak Drinkaas

	Alipak Drinkgas
Molar mass	: 44 g/mol
Critical temperature	: 30 °C
Other data	: Gas/vapour heavier than air. May accumulate in confined spaces, particularly at or below ground level.
SECTION 10: Stability and react	ivity
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	
	None.
10.4. Conditions to avoid	
	Avoid moisture in installation systems.
10.5. Incompatible materials	
10.5. Incompatible materials	
	None. For additional information on compatibility refer to ISO 11114.
10.6 Hererdeus desembosition produc	
10.6. Hazardous decomposition produc	
	None.
SECTION 11: Toxicological info	rmation
11.1. Information on toxicological effect	ts
Acute toxicity	: Unlike simple asphyxiants, carbon dioxide has the ability to cause death even when normal oxygen levels (20-21%) are maintained. 5% CO2 has been found to act synergistically to increase the toxicity of certain other gases (CO, NO2). CO2 has been shown to enhance the production of carboxy- or met-hemoglobin by these gases possibly due to carbon dioxide's stimulatory effects on the respiratory and circulatory systems.
	For more information, see EIGA Safety Info 24: "Carbon Dioxide, Physiological hazards" at www.eiga.eu.
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.
SECTION 12: Ecological information	ation
12.1. Toxicity	
Assessment	: No ecological damage caused by this product.
EC50 48h - Daphnia magna	: No data available.
EC50 72h - Algae	: No data available.
-	

- LC50 96 h Fish : No data available. 12.2. Persistence and degradability Assessment : No ecological damage caused by this product. 12.3. Bioaccumulative potential Assessment : No ecological damage caused by this product. 12.4. Mobility in soil Assessment : Because of its high volatility, the product is unlikely to cause ground or water pollution. Partition into soil is unlikely.
- 12.5. Results of PBT and vPvB assessment



according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

018A_DG

Alipak Drinkgas

Assessment	: No data available. Not classified as PBT or vPvB.
12.6. Other adverse effects	
Other adverse effects	: No known effects from this product.
Effect on the ozone layer	: None.
Global warming potential [CO2=1]	: 1
Effect on global warming	: Contains greenhouse gas(es).
	When discharged in large quantities may contribute to the greenhouse effect.
SECTION 13: Disposal consideration	ons
13.1. Waste treatment methods	
	May be vented to atmosphere in a well ventilated place.
	Discharge to atmosphere in large quantities should be avoided.
	Do not discharge into any place where its accumulation could be dangerous.
	Return unused product in original receptacle to supplier.
List of hazardous waste codes (from Commission Decision 2001/118/EC)	: 16 05 05 : Gases in pressure containers other than those mentioned in 16 05 04.
13.2. Additional information	
	External treatment and disposal of waste should comply with applicable local and/or national regulations.
SECTION 14: Transport information	n
14.1. UN number	
UN-No.	: 1013
14.2. UN proper shipping name	
Transport by road/rail (ADR/RID)	CARBON DIOXIDE
Transport by air (ICAO-TI / IATA-DGR)	[:] Carbon dioxide
Transport by sea (IMDG)	CARBON DIOXIDE
14.3. Transport hazard class(es)	
Labelling	
	2.2 : Non-flammable, non-toxic gases.
Transport by road/rail (ADR/RID)	
Class Classification code	: 2 : 2A
Hazard identification number	: 2A : 20
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

Transport by air (ICAO-TI / IATA-DGR) Class / Div. (Sub. risk(s)) Transport by sea (IMDG)

Class / Div. (Sub. risk(s))

20
 C/E - Tank carriage : Passage forbidden through tunnels of category C, D and E. Other carriage : Passage forbidden through tunnels of category E
 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.

: 2.2



according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

018A_DG

Alipak Drinkgas

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 container 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.

Not applicable.

	Not applicable.
SECTION 15: Regulatory information	n
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
EU-Regulations	
Restrictions on use	: None.
Seveso Directive : 2012/18/EU (Seveso III)	: Not covered.
National regulations	
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.
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 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 Rail WGK: Water Hazard Class STOT - RE: Specific Target Organ Toxicity - Repeated Exposure
Training advice	: The hazard of asphyxiation is often overlooked and must be stressed during operator training. For more guidance, refer to EIGA SL 01 "Dangers of Asphyxiation", downloadable at http://www.eiga.eu
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.



according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Revision date: 04/07/2018 Version: 1.0

018A_DG

Alipak Drinkgas