

Page :	1 of 4
Version IDLC/2 :	16 Sections
Printed :	February 2019
Revised :	First version

Material Safety Data Sheet

SECTION 1 - PRODUCT INFORMATION

Manufacturer: ENERGYROAIR SOLUTIONS SRL

Trade Name: ENERGYROAIR

Product Type: Compressed pure air in breathing can for human use

SECTION 2 - COMPOSITION / INGREDIENTS

INGREDIENTS	RANGE (%)
Nitrogen	79
Oxygen	21
Nr. CAS:	132259-10-0
Nr.CE:	unregistered
Index Nr.	Except from registration

Contained in Annex IV / V of REACH, exempt from registration.

Registration is not required: Substance produced or imported <1t / year

It does not contain other reportable components or impurities that will influence product classification, as defined in 29 CFR § 1910.1200

SECTION 3 - HAZARDS IDENTIFICATION

Health Hazard / Press. Gas (Comp.) H280

Data: Physical hazards: Air do not pose physical hazards.

Ingestion: ingestion is not considered a potential way of exposure

Inhalation: does not present inhalation hazard

Skin contact: no known effects of this product

Contact with eyes: no known effects of this product;

Carcinogenicity: not carcinogenic according to the latest state of knowledge.

SECTION 4 - FIRST AID MEASURES

It does not show acute and delayed symptoms or effects. It has no effect on living tissues.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point of finished pencil: Not applicable

Unusual fire and explosion hazards: Support burning. Exposure to fire may cause the containers to break / explode.

Special fire fighting procedures: Use fire control measures that are appropriate to the surrounding fire. Exposure to fire and fire radiant heat can cause gas containers to explode.

Cool containers exposed to water spray jet heat are in a protected position.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Release of air from doses is not physically dangerous.

Act according to the local emergency plan.

SECTION 7 - HANDLING AND STORAGE

The product must be handled in accordance with good hygiene and safety practices.

Compressed gas should only be handled by experienced and properly trained personnel.

Store in a cool and dry place, away from heat and flame.

Keep doses below 55°C / 134°F. Store recipients in a place without risk of fire. Keep away from flammable materials in storage.



Page : 2 of 4
Version IDLC/2 : 16 Sections
Printed : February 2019
Revised : first version

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION
Exposure Controls: Not applicable Personal Protection : Respiratory - Not required
Lips - Not required.
Hands: Standard EN 388 - Mechanical Risk Protection Gloves.
OEL _Occupational Exposure Limits: Not required.
PNEC _Concentration / Predictable / Predictable no Effect Concentrations: _there are no risks of overexposure to air.
Protective Equipment or Clothing : Not required..
Work / Hygienic Practise : Routine personal hygiene.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES
Appearance

Form :	Gaseous.
Physical State :	Gaseous
Odour :	No odour.
Colour :	No color

Data relevant to Safety

Boiling Point / Boiling Range :	Not applicable
Flash Point :	Not applicable
Ignition Temperature :	Not applicable
Vapor Pressure :	Not applicable
Melting Range :	Not applicable
Bulk Density :	Not applicable
Volatility % :	Not applicable
Solubility in Water :	insoluble in water
Solubility in other solvents :	insoluble
pH-value :	Not applicable

SECTION 10 STABILITY AND REACTIVITY

Stability :	Stable under normal conditions
Hazardous Reactions :	None known
Conditions to avoid :	None known
Incompatibility (avoid) :	None known
Hazardous Decomposition Products :	None

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute toxic effects not known to occur by inhalation, ingestion, or contact during anticipated handling and usage.
No long term chronic effects could be observed.

SECTION 12 ECOLOGICAL INFORMATION

Not expected to cause adverse environmental effects.


SECTION 13 - DISPOSAL GUIDELINES

It can be eliminated by depressurization directly into the atmosphere.
Do not release in any place where accumulation could be dangerous.

Consult the EIGA Doc. 30/10 "Discharge of gases", downloadable from <http://www.eiga.org> for more guidance on appropriate disposal methods.
Larger quantities are to be disposed of properly under compliance with local, state, federal or international authority regulations, e.g. at a suitable waste disposal or incinerator.



SECTION 14 - TRANSPORT INFORMATION

UN number	1002
The correct UN shipping name	
Terrestrial / Rail Transport (ADR / RID)	COMPRESSED AIR
Air Transport (ICAO-TI / IATA-DGR)	COMPRESSED AIR
Maritime Transport (IMDG)	COMPRESSED AIR
Transport hazard class (es)	
	2.2 Non-flammable, non-toxic gases;
Terrestrial / Rail Transport (ADR / RID)	
Class	2
Classification code	1A
Number of danger	20
Tunnel restrictions	E - Prohibited passage through Category E tunnels
Airline (ICAO-TI / IATA-DGR)	2.6
Class / Division of risk (s)	
Emergency program (PU) - fire	F-C
Emergency program (PU) - leakage	S-V
Packing group	
Terrestrial / Rail Transport (ADR / RID)	Not applicable
Air Transport (ICAO-TI / IATA-DGR)	Not applicable
Maritime Transport (IMDG)	Not applicable
Dangers to the environment	
Terrestrial / Rail Transport (ADR / RID)	no odor
Air Transport (ICAO-TI / IATA-DGR)	no odor
Maritime Transport (IMDG)	no odor
Special precautions for users	
Packaging instructions	
Terrestrial / Rail Transport (ADR / RID)	P200
Air Transport (ICAO-TI / IATA-DGR)	
Passenger and cargo aircraft	200
Just the cargo aircraft	200
Maritime Transport (IMDG)	P200
Transport in bulk according to MARPOL Annex II and the IBC Code	
Not applicable	

Page	: 4 of 4
Version IDLC/2	: 16 Sections
Printed	: February
Revised	: first version

SECTION 15 - REGULATORY INFORMATION

Usage restrictions: none

2012/18/UE/(SEVESO III) Directive: Uncovered

Chemical safety assessment: No Chemical Risk Assessment (ERC) is required for this product.

SECTION 16 - OTHER RELEVANT INFORMATION

No available data unless specifically indicated below.

NOTICE: The information herein is based on data considered to be accurate as of the date of preparation of this Material Safety Data Sheet. However, no warranty of representation, expressed or implied is made as to the accuracy or completeness of the foregoing data and safety information. The user assumes all liability for any damage or injury resulting from the abnormal use from any failure to adhere to recommended practises or from any hazard inherent in the nature of the product.

Dok.: SSC_IDLC_MSDS (12.02.2019)

