

8.3

Safety Data Sheet

Material Name: Breathing Air, Compressed (Part No. Various)

SDS ID: 4594895

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name

Breathing Air, Compressed

Product Use

Compressed gas.

Restrictions on Use

None known

Manufacturer Information

Dräger Safety AG & Co. KGaA
Revalstr. 1
23560 Lübeck
Germany

Distributor/Contact Information

Draeger, Inc.
3135 Quarry Road
Telford, PA 18969
Phone: 1-800-437-2437
Emergency Phone #: 1-800-424-9300 (CHEMTREC)
Fax: 412-787-2207

Section 2 - HAZARDS IDENTIFICATION

Classification in accordance with paragraph (d) of 29 CFR 1910.1200.

Gases Under Pressure - Compressed gas

GHS Label Elements

Symbol(s)



Signal Word

Warning

Hazard Statement(s)

Contains gas under pressure; may explode if heated

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Precautionary Statement(s)

Prevention

None needed according to classification criteria

Response

None needed according to classification criteria

Storage

Protect from sunlight

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
7727-37-9	Nitrogen	80
7782-44-7	Oxygen	20

Section 4 - FIRST AID MEASURES

Inhalation

It is unlikely that first aid will be required.

Skin

It is unlikely that first aid will be required.

Eyes

It is unlikely that first aid will be required.

Ingestion

It is unlikely that first aid will be required.

Most Important Symptoms/Effects

Acute

No information on significant adverse effects.

Delayed

No information on significant adverse effects.

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Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Use extinguishing agents appropriate for surrounding fire.

Unsuitable Extinguishing Media

None known

Special Hazards Arising from the Chemical

Pressurized container: may burst if heated.

Hazardous Combustion Products

None identified

Advice for firefighters

Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.

Fire Fighting Measures

Use water spray/stream to protect personnel and to cool endangered containers.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective clothing and equipment, see Section 8.

Methods and Materials for Containment and Cleaning Up

Stop leak if possible without personal risk.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling

Protect from physical damage. When not in use, keep containers tightly closed.

Conditions for Safe Storage, Including any Incompatibilities

Protect from sunlight

Incompatible Materials

Combustible substance

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Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits

Nitrogen	7727-37-9
ACGIH:	(See Appendix F: Minimal Oxygen Content)

Biological limit value

There are no biological limit values for any of this product's components.

Engineering Controls

Not required.

Individual Protection Measures, such as Personal Protective Equipment

Eye/face protection

Wear splash resistant safety glasses.

Skin Protection

Protective clothing is not required.

Respiratory Protection

Not required.

Glove Recommendations

Wear appropriate chemical resistant gloves.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless	Physical State	gas
Odor	odorless	Color	Colorless
Odor Threshold	Not available	pH	Not available
Melting Point	Not available	Boiling Point	-194.3 °C
Freezing point	Not available	Evaporation Rate	Not available
Boiling Point Range	Not available	Flammability (solid, gas)	Not available
Autoignition	Not available	Flash Point	Not available
Lower Explosive Limit	Not available	Decomposition	Not available

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Upper Explosive Limit	Not available	Vapor Pressure	Not available
Vapor Density (air=1)	1 (Cylinder filled to 2216/3000/4500 psig)	Specific Gravity (water=1)	Not available
Water Solubility	Not available	Partition coefficient: n-octanol/water	Not available
Viscosity	Not available	Solubility (Other)	Not available
Density	Not available		

Section 10 - STABILITY AND REACTIVITY

Reactivity

No reactivity hazard is expected.

Chemical Stability

Stable under normal conditions of use.

Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

Conditions to Avoid

Avoid contact with combustible materials. Avoid strong heating, open flame and ignition sources.

Incompatible Materials

Combustible materials.

Hazardous decomposition products

None

Section 11 - TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation

No information on significant adverse effects.

Skin Contact

No information on significant adverse effects.

Eye Contact

No information on significant adverse effects.

Ingestion

No information on significant adverse effects.

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Acute and Chronic Toxicity

Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and no selected endpoints have been identified

Immediate Effects

No information on significant adverse effects.

Delayed Effects

No information on significant adverse effects.

Irritation/Corrosivity Data

No information available for the product.

Respiratory Sensitization

No information available for the product.

Dermal Sensitization

No information available for the product.

Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, NTP, DFG or OSHA

Germ Cell Mutagenicity

No information available for the product.

Tumorigenic Data

No data available

Reproductive Toxicity

No information available for the product.

Specific Target Organ Toxicity - Single Exposure

No target organs identified.

Specific Target Organ Toxicity - Repeated Exposure

No target organs identified.

Aspiration hazard

No information available for the product.

Medical Conditions Aggravated by Exposure

No data available.

Section 12 - ECOLOGICAL INFORMATION

Component Analysis - Aquatic Toxicity

No LOLI ecotoxicity data are available for this product's components

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Section 13 - DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 14 - TRANSPORT INFORMATION

US DOT Information:

Shipping Name: AIR, COMPRESSED

Hazard Class: 2.2

UN/NA #: UN1002

Required Label(s): 2.2

IATA Information:

Shipping Name: AIR, COMPRESSED

Hazard Class: 2.2

UN#: UN1002

Required Label(s): 2.2

TDG Information:

Shipping Name: AIR, COMPRESSED

Hazard Class: 2.2

UN#: UN1002

Section 15 - REGULATORY INFORMATION

U.S. Federal Regulations

None of this products components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

SARA Section 311/312 (40 CFR 370 Subparts B and C)

Acute Health: No Chronic Health: No Fire: No Pressure: Yes Reactivity: No

U.S. State Regulations

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA
Nitrogen	7727-37-9	No	Yes	Yes	Yes	Yes
Oxygen	7782-44-7	No	Yes	No	Yes	Yes

Not listed under California Proposition 65



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Canadian WHMIS Ingredient Disclosure List (IDL)

The components of this product are either not listed on the IDL or are present below the threshold limit listed on the IDL.

Component Analysis - Inventory

Nitrogen (7727-37-9)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes

Oxygen (7782-44-7)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes

Section 16 - OTHER INFORMATION

Summary of Changes

New SDS: 4/1/2015

Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

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Other Information

Disclaimer:

Supplier gives no warranty whatsoever, including the warranties of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser shall determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental, consequential or any other damages arising out of the use or misuse of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights.

Fiche Signalétique

Nom du produit: Breathing Air, Compressed (Part No. Various)

N° de FS: 4594895

Section 1 - IDENTIFICATION DE PRODUIT ET COMPAGNIE

Nom du produit

Breathing Air, Compressed

Usage du produit

Gaz comprimé.

Restrictions d'utilisations

Aucun connu

Renseignements concernant le fournisseur de la fiche de données de sécurité

Dräger Safety AG & Co. KGaA

Revalstr. 1

23560 Lübeck

Germany

Distributor/Contact Information

Draeger, Inc••

3135 Quarry Road

Telford, PA 18969

Téléphone: 1-800-437-2437

Numéro d'appel d'urgence: 1-800-424-9300 (CHEMTREC)

Télécopieur: 412-787-2207

Section 2 - Identification des Risques

Classification conformément au paragraphe (d) à la norme 29 CFR 1910.1200

Gaz sous pression - Gaz comprimé

Éléments d'étiquetage SGH

Symbole(s)



SIGNAL MOT

MISE EN GARDE

Mention(s) de danger

Contient un gaz sous pression; peut exploser sous l'effet de la chaleur