

# Nitrogen, compressed Safety Data Sheet P-4631

according to U.S. Code of Federal Regulations 29 CFR 1910.1200, Hazard Communication.

Date of issue: 01/01/1980 Revision date: 06/24/2015

Supersedes: 04/23/2015

1.1. Product identifier	iny identification
	: Substance
Product form	: Substance
Name	: Nitrogen, compressed
CAS No	: 7727-37-9
Formula Other means of identification	: N2 Dipitrogen, Refrigerant P729, Nitrogen, Medinure Nitrogen, Extendansk Nitrogen
Other means of identification	<ul> <li>Dinitrogen, Refrigerant R728, Nitrogen, Medipure Nitrogen, Extendapak Nitrogen, Nitrogen - Diving Grade</li> </ul>
1.2. Relevant identified uses of the	substance or mixture and uses advised against
Use of the substance/mixture	: Industrial use Medical applications. Food applications. Diving Gas (Underwater Breathing)
1.3. Details of the supplier of the sa	fety data sheet
Praxair, Inc. 39 Old Ridgebury Road Danbury, CT 06810-5113 - USA T 1-800-772-9247 (1-800-PRAXAIR) - F 1-7 <u>www.praxair.com</u>	716-879-2146
1.4. Emergency telephone number	
Emergency number	: Onsite Emergency: 1-800-645-4633
	CHEMTREC, 24hr/day 7days/week — Within USA: 1-800-424-9300, Outside USA: 001-703- 527-3887 (collect calls accepted, Contract 17729)
SECTION 2: Hazards identification	n
2.1. Classification of the substance	or mixture
	or mixture
Classification (GHS-US)	
Classification (GHS-US)	or mixture H280
Classification (GHS-US) Compressed gas	
Classification (GHS-US) Compressed gas 2.2. Label elements	
Classification (GHS-US) Compressed gas 2.2. Label elements GHS-US labeling	
Classification (GHS-US) Compressed gas 2.2. Label elements GHS-US labeling	
Classification (GHS-US) Compressed gas 2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US)	H280
Classification (GHS-US) Compressed gas 2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US)	H280 : $i \mapsto i \mapsto$
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Name Name : Nitrogen, compressed : 7727-37-9           Name         Product identifier         %           Name         Product identifier         %           Nitrogen         (DAS No) 7727-37-9         99.5 - 100           3.2         Mixture         (DAS No) 7727-37-9         99.5 - 100           3.2         Mixture         (DAS No) 7727-37-9         99.5 - 100           3.2         Mixture         Immediately remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, qualified personnel may give oxygen. Call a physician.           First-aid measures after skin contact         : Adverse effects not expected from this product.         Call a physician.           First-aid measures after eye contact         : Adverse effects not expected from this product.         First-aid measures after 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         No additional information available           4.3.         Indication of any immediate medical attention and special treatment needed         None.           SECTION 5: Firefighting media         : Under certain conditions, nitrogen can react violently with lithium, neodymium, litanium (above 1472°F/B00°C), and magnesium to form nitrides. At high temperature, it can also combine with oxygen and hydrogen.           5.3.         Advice for firefighting         : Sevacua		No data available
3.1.       Substance         Name       : Nitrogen, compressed         CAS No       : 7727-37-9         Name       Product identifier         Name       (CAS No)         Name       (CAS No)         Name       (CAS No)         Name       (CAS No)         Nature       (CAS No)         Nature       (CAS No)         Status       SectorDN 4: First-alid measures         First-alid measures after inhalation       : Immediately remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, qualified personnel may give oxygen. Call a physician.         First-aid measures after skin contact       : Adverse effects not expected from this product.         First-aid measures after eye contact       : Ingestion is not considered a potential route of exposure.         4.2.       Most important symptoms and effects, both acute and delayed       No a dditonal information available         K4.3.       Indication of any immediate medical tention and special treatment needed       None.         Sci.1.       Extinguishing media       : Use extinguishing media appropriate for surrounding fire.         Sci.2.       Special hazards arising from the substance or mixture       No additonal information and appropriate for surrounding fire.         Sci.3.       Advice for firefightors       : Evacuate alli	SECTION 3: Composition/informa	ation on ingredients
CAS No : 7727-37-9           Name         Product identifier         %           Name         (CAS No)         1000000000000000000000000000000000000		
Name         Product identifier         %           Nitrogen         ICAS Ne) 7727-37-9         98.5 - 100           3.2.         Mixture         Not applicable           SECTION 4: First aid measures         First-aid measures after inhalation         Immediately remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, qualified personnel may give oxygen. Call a physician.           First-aid measures after sinalation         : Immediately remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, qualified personnel may give oxygen. Call a physician.           First-aid measures after singeston         : Adverse effects not expected from this product. In case of eye irritation: Rinse immediately with plenty of water. Consult an ophthalmologist If irritation persists.           First-aid measures after 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           A.3.         Indication of any immediate medical attention and special treatment needed None.           SECTION 55 Firefighting measures         : Use extinguishing media appropriate for surrounding fire.           5.2.         Special hazards arising from the substance or mixture           Reactivity         : Under certain conditions, nitrogen can react violently with lithium, needymium, litanium (above 1472 F/600 °C), and magnesium to form nitrides. At high temperature, it can also combin	Name	: Nitrogen, compressed
Netagen         ICAS Hoj 722-32-9         99.5 - 100           3.2.         Mixture           Not applicable         SECTION 4: First aid measures           First-aid measures after inhalation         : Immediately remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult qualified personnel may give oxygen. Call a physician.           First-aid measures after skin contact         : Adverse effects not expected from this product.           First-aid measures after eye contact         : Adverse effects not expected from this product. In case of eye irritation: Rinse immediately with plenty of water. Consult an ophthaimloogist if irritation persists.           First-aid measures after 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           A.3.         Indication of any immediate medical attention and special treatment needed           None.         SECTION 55 Firefighthing media           Stubble extinguishing media         : Use extinguishing media acuse or mixture           Stubble extinguishing media         : Use extinguishing media acuse on philo mologist. At high temperature, it can also combine with oxygen and hydrogen.           5.3.         Advice for firefightres         : Evacuate all personnel from the danger area. Use self-contained breathing apparatus (SCBA) and protective cichning. Immediately cool containers with water from maximum distance. Stop flow	CAS No	: 7727-37-9
3.2. Mixture         Not applicable         SECTION 45 First aid measures         First-aid measures after inhalation       : Immediately remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, qualified personnel may give oxygen. Call a physician.         First-aid measures after inhalation       : Immediately remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, qualified personnel may give oxygen. Call a physician.         First-aid measures after seve contact       : Adverse effects not expected from this product.         First-aid measures after 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 medical attention and special treatment needed       None.         SECTION 5: Firefighting media       : Use extinguishing media appropriate for surrounding fire.         5.2. Special hazards arising from the substance or mixture       : Under certain conditions, nitrogen can react violently with lithium, neodymium, titanium (above 1472 Fi800 <sup>CC</sup> ), and magnesium to form nitrides. At high temperature, it can also combine with oxygen and hydrogen.         5.3. Advice for firefighters       : Evacuate all personnel from the danger area. Use self-contained breathing apparatus (SCBA) and protective clothing. Immediately cool containers with water from maximum distance. Stop flow of gas i safe to do so, while continuing cool in adure surfue Area also combine with oxygen and	Name	Product identifier %
Not applicable         SECTION 4: First ald measures         4.1       Description of first ald measures         First-aid measures after inhalation       : Immediately remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, qualified personnel may give oxygen. Call a physician.         First-aid measures after eye contact       : Adverse effects not expected from this product.         First-aid measures after eye contact       : Adverse effects not expected from this product.         First-aid measures after 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       No additional information available         4.3.       Indication of any immediate medical attention and special treatment needed         None.       SECTION 5: Firefighting measures         5.1.       Extinguishing media       : Use extinguishing media appropriate for surrounding fire.         5.2.       Special hazards arising from the substance or mixture         Reactivity       : Under creatin conditions, nitrogen can react violently with lithium, neodynium, ittanium (above 1472'F/800'C), and magnesium to form nitrides. At high temperature, it can also combine with oxygen and protective coltining, rimediately cool containers with water from maximum distance. Stop flow of gas if safe to do so. While containing cooling water spry. Remove granot safe to do so. Renvee containers from area	Nitrogen	(CAS No) 7727-37-9 99.5 - 100
SECTION 4: First aid measures         4.1.       Description of first aid measures         First-aid measures after inhalation       : Immediately remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, qualified personnel may give oxygen. Call a physician.         First-aid measures after skin contact       : Adverse effects not expected from this product.         First-aid measures after reye contact       : Adverse effects not expected from this product. Incse of eye irritation: Rinse immediately with plenty of water. Consult an ophthaimologist if irritation persists.         First-aid measures after 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 medical attention and special treatment needed         None.       SECTION 5: Firefighting measures         5.1.       Extinguishing media       : Use extinguishing media appropriate for surrounding fire.         5.2.       Special hazards arising from the substance or mixture         Readivity       : Under certain conditions, nitrogen can react violently with lithium, neodymium, titanium (above 1472*Fi800*C), and magnesium to form nitrides. At high temperature, it can also combine with oxygen and hydrogen.         5.3.       Advice for firefighters       : Evacuate all personnel from the danger area. Use self-contained breathing apparatus (SCBA) and protective colthing, immedia	3.2. Mixture	
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A.3.       Indication of any immediate medical attention and special treatment needed         None.         SECTION 5: Firefighting measures         5.1.       Extinguishing media         Suitable extinguishing media       : Use extinguishing media appropriate for surrounding fire.         5.2.       Special hazards arising from the substance or mixture         Reactivity       : Under certain conditions, nitrogen can react violently with lithium, neodymium, titanium (above 1472°F/800°C), and magnesium to form nitrides. At high temperature, it can also combine with oxygen and hydrogen.         5.3.       Advice for firefighters         Firefighting instructions       : Evacuate all personnel from the danger area. Use self-contained breathing apparatus (SCBA) and protective clothing. Immediately cool containers with water from maximum distance. Stop flow of gas if safe to do so. while continuing cooling water spray. Remove ignition sources if safe to do so. Remove containers from area of fre if safe to do so. On-site fire frigades must L—Fire Protection.         Protection during firefighting       : Compressed gas: asphyxiant. Suffocation hazard by lack of oxygen.         Specific methods       : Use fire control measures appropriate for the surrounding fire. Exposure to fire and heat radiation may cause gas containers to rupture. Cool endangered containers with water spray je from a protected position. Prevent water used in emergency cases from entering sewers and drainage systems.         Stop flow of product if safe to do so.       Stop flow of product if safe to do so. <td>First-aid measures after ingestion</td> <td>: Ingestion is not considered a potential route of exposure.</td>	First-aid measures after ingestion	: Ingestion is not considered a potential route of exposure.
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<ul> <li>Special protective equipment for fire fighters</li> <li>Standard protective clothing and equipment (Self Contained Breathing Apparatus) for fire fighters.</li> <li>Specific methods</li> <li>Use fire control measures appropriate for the surrounding fire. Exposure to fire and heat radiation may cause gas containers to rupture. Cool endangered containers with water spray je from a protected position. Prevent water used in emergency cases from entering sewers and drainage systems.</li> <li>Stop flow of product if safe to do so.</li> </ul>	None. SECTION 5: Firefighting measures 5.1. Extinguishing media Suitable extinguishing media 5.2. Special hazards arising from the Reactivity	S : Use extinguishing media appropriate for surrounding fire. <b>substance or mixture</b> : Under certain conditions, nitrogen can react violently with lithium, neodymium, titanium (above 1472°F/800°C), and magnesium to form nitrides. At high temperature, it can also combine with
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Use water spray or fog to knock down fire fumes if possible.	None. SECTION 5: Firefighting measures 5.1. Extinguishing media Suitable extinguishing media 5.2. Special hazards arising from the Reactivity 5.3. Advice for firefighters Firefighting instructions Protection during firefighting Special protective equipment for fire fighters	<ul> <li>S</li> <li>Use extinguishing media appropriate for surrounding fire.</li> <li>substance or mixture</li> <li>Under certain conditions, nitrogen can react violently with lithium, neodymium, titanium (above 1472°F/800°C), and magnesium to form nitrides. At high temperature, it can also combine with oxygen and hydrogen.</li> <li>Evacuate all personnel from the danger area. Use self-contained breathing apparatus (SCBA) and protective clothing. Immediately cool containers with water from maximum distance. Stop flow of gas if safe to do so, while continuing cooling water spray. Remove ignition sources if safe to do so. Remove containers from area of fire if safe to do so. On-site fire brigades must comply with OSHA 29 CFR 1910.156 and applicable standards under 29 CFR 1910 Subpart L—Fire Protection.</li> <li>Compressed gas: asphyxiant. Suffocation hazard by lack of oxygen.</li> <li>Standard protective clothing and equipment (Self Contained Breathing Apparatus) for fire fighters.</li> <li>Use fire control measures appropriate for the surrounding fire. Exposure to fire and heat radiation may cause gas containers to rupture. Cool endangered containers with water spray je from a protected position. Prevent water used in emergency cases from entering severs and</li> </ul>
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6.1. Personal precautions,	protective equipment and emergency procedures	1.5.2.1
General measures	: Evacuate area. Ensure adequate air ventilation. Wear self-contained breathing apparatus whe entering area unless atmosphere is proven to be safe. Stop leak if safe to do so.	en
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6.1.1.	For non-emergency personne	
		No additional information available
6.1.2.	For emergency responders	No additional information available
6.2.	Environmental precautions	
		No additional information available
6.3.	Methods and material for con	Itainment and cleaning up
		No additional information available
6.4.	Reference to other sections	
		See also sections 8 and 13.
SECT	ION 7: Handling and stora	age
7.1.	Precautions for safe handling	
Precau	tions for safe handling	: Wear leather safety gloves and safety shoes when handling cylinders. Protect cylinders from physical damage; do not drag, roll, slide or drop. While moving cylinder, always keep in place removable valve cover. Never attempt to lift a cylinder by its cap; the cap is intended solely to protect the valve. When moving cylinders, even for short distances, use a cart (trolley, hand truck, etc.) designed to transport cylinders. Never insert an object (e.g., wrench, screwdriver, pry bar) into cap openings; doing so may damage the valve and cause a leak. Use an adjustable strap wrench to remove over-tight or rusted caps. Slowly open the valve. If the valve is hard to open, discontinue use and contact your supplier. Close the container valve after each use; keep closed even when empty. Never apply flame or localized heat directly to any part of the container. High temperatures may damage the container and could cause the pressure relief device to fail prematurely, venting the container contents. For other precautions in using this product, see section 16.
Safe us	e of the product	The suitability of this product as a component in underwater breathing gas mixtures is to be determined by or under the supervision of personnel experienced in the use of underwater breathing gas mixtures and familiar with the physiological effects, methods employed, frequency and duration of use, hazards, side effects, and precautions to be taken.
7.2.	Conditions for safe storage, i	Including any incompatibilities
Storage conditions		: Store in a cool, well-ventilated place. Store and use with adequate ventilation. Store only where temperature will not exceed 125°F (52°C). Firmly secure containers upright to keep them from falling or being knocked over. Install valve protection cap, if provided, firmly in place by hand. Store full and empty containers separately. Use a first-in, first-out inventory system to prevent storing full containers for long periods.
		OTHER PRECAUTIONS FOR HANDLING, STORAGE, AND USE: When handling product under pressure, use piping and equipment adequately designed to withstand the pressures to be encountered. Never work on a pressurized system. Use a back flow preventive device in the piping. Gases can cause rapid suffocation because of oxygen deficiency; store and use with adequate ventilation. If a leak occurs, close the container valve and blow down the system in a safe and environmentally correct manner in compliance with all international, federal/national, state/provincial, and local laws; then repair the leak. Never place a container where it may become part of an electrical circuit.
7.3.	Specific end use(s)	
		None.

 SECTION 8: Exposure controls/personal protection

 8.1.
 Control parameters

 Nitrogen, compressed (7727-37-9)
 ACGIH
 Not established

 ACGIH
 Not established
 USA OSHA

 Nitrogen (7727-37-9)
 ACGIH
 Not established

 ACGIH
 Not established
 USA OSHA

 Nitrogen (7727-37-9)
 ACGIH
 Not established

 USA OSHA
 Not established
 USA OSHA

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8.2. Exposure controls	
Appropriate engineering controls	: Use a local exhaust system with sufficient flow velocity to maintain an adequate supply of air in the worker's breathing zone. Mechanical (general): General exhaust ventilation may be acceptable if it can maintain an adequate supply of air.
Eye protection	: Wear safety glasses with side shields.
Skin and body protection	Wear metatarsal shoes and work gloves for cylinder handling, and protective clothing where needed. Wear appropriate chemical gloves during cylinder changeout or wherever contact with product is possible. Select per OSHA 29 CFR 1910.132, 1910.136, and 1910.138.
Respiratory protection	: When workplace conditions warrant respirator use, follow a respiratory protection program that meets OSHA 29 CFR 1910.134, ANSI Z88.2, or MSHA 30 CFR 72.710 (where applicable). Use an air-supplied or air-purifying cartridge if the action level is exceeded. Ensure that the respirator has the appropriate protection factor for the exposure level. If cartridge type respirators are used, the cartridge must be appropriate for the chemical exposure (e.g., an organic vapor cartridge). For emergencies or instances with unknown exposure levels, use a self-contained breathing apparatus (SCBA).

SECTION 9: Physical and chemical	properties	
9.1. Information on basic physical and	chemical properties	
Physical state	: Gas	
Appearance	: Colorless gas.	
Molecular mass	: 28 g/mol	
Color	: Colorless.	
Odor	: No odor warning properties.	
Odor threshold	: No data available	
pH	: Not applicable.	
Relative evaporation rate (butyl acetate=1)	: No data available	
Relative evaporation rate (ether=1)	: Not applicable.	
Melting point	: -210 °C	
Freezing point	: No data available	
Boiling point	: -195.8 °C	
Flash point	: No data available	
Critical temperature	: -149.9 °C	
Auto-ignition temperature	: Not applicable.	
Decomposition temperature	: No data available	
Flammability (solid, gas)	: No data available	
Vapor pressure	: Not applicable.	
Critical pressure	: 3390 kPa	
Relative vapor density at 20 °C	: No data available	
Relative density	: No data available	
Density	: 1.16 kg/m³	
Relative gas density	: 0.97	
Solubility	: Water: 20 mg/l	
Log Pow	: Not applicable.	
Log Kow	: Not applicable.	
Viscosity, kinematic	: Not applicable.	
Viscosity, dynamic	: Not applicable.	
Explosive properties	: Not applicable.	
Oxidizing properties	: None.	
Explosion limits	: No data available	
9.2. Other information		
Gas group	: Compressed gas	
Additional information	: None.	
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SECTION 10: Stability and reactive	ity
10.1. Reactivity	
	Under certain conditions, nitrogen can react violently with lithium, neodymium, titanium (above 1472°F/800°C), and magnesium to form nitrides. At high temperature, it can also combine with oxygen and hydrogen.
10.2. Chemical stability	
	Stable under normal conditions.
10.3. Possibility of hazardous reaction	15
	May occur.
10.4. Conditions to avoid	None under recommended storage and handling conditions (see section 7).
	None under recommended storage and nandling conditions (see section 7).
10.5. Incompatible materials	
	None.
10.6. Hazardous decomposition produ	icts
	None.
SECTION 11: Toxicological inform	nation
11.1. Information on toxicological effe	
internation on texteological ene	
Acute toxicity	: Not classified
kin corrosion/irritation	: Not classified
	pH: Not applicable.
erious eye damage/irritation	: Not classified
chous eye damagen materi	pH: Not applicable.
espiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure	e) : Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
SECTION 12: Ecological informati	on
12.1. Toxicity	
Ecology - general	: No ecological damage caused by this product.
12.2. Persistence and degradability	
Nitrogen, compressed (7727-37-9)	
Persistence and degradability	No ecological damage caused by this product.
Nitrogen (7727-37-9)	
Persistence and degradability	No ecological damage caused by this product.
12.3. Bioaccumulative potential	
Nitrogen, compressed (7727-37-9)	
Log Pow	Not applicable.
Log Kow	Not applicable.
Bioaccumulative potential	No ecological damage caused by this product.

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Log Pow	Not applicable for inorganic gases.
Log Kow	Not applicable.
Bioaccumulative potential	No ecological damage caused by this product.
2.4. Mobility in soil	
Nitrogen, compressed (7727-37-9)	
Mobility in soil	No data available.
Ecology - soil	No ecological damage caused by this product.
Nitrogen (7727-37-9)	
Mobility in soil	No data available.
Ecology - soil	No ecological damage caused by this product.
2.5. Other adverse effects	
ffect on ozone layer	: None.
ffect on the global warming	: None.

SECTION 13: Disposal considerations		
13.1. Waste treatment methods		
Waste disposal recommendations	<ul> <li>Dispose of contents/container in accordance with local/regional/national/international regulations. Contact supplier for any special requirements.</li> </ul>	

SECTION 14: Transport information	on
In accordance with DOT	
Transport document description	: UN1066 Nitrogen, compressed, 2.2
UN-No.(DOT)	: UN1066
Proper Shipping Name (DOT)	: Nitrogen, compressed
Transport hazard class(es) (DOT)	: 2.2 - Class 2.2 - Non-flammable compressed gas 49 CFR 173.115
Hazard labels (DOT)	2.2 - Non-flammable gas

Additional information	
Emergency Response Guide (ERG) Number : 121 (UN1066);120 (UN1977)	
Other information : No supplementary information available.	
Special transport precautions : Avoid transport on vehicles where the load space is not separated compartment. Ensure vehicle driver is aware of the potential hazar what to do in the event of an accident or an emergency. Before tra - Ensure there is adequate ventilation Ensure that containers are cylinder valve is closed and not leaking Ensure valve outlet cap is correctly fitted Ensure valve protection device (where provided	rds of the load and knows insporting product containers: e firmly secured Ensure nut or plug (where provided)
Transport by sea	
UN-No. (IMDG) : 1066	
Proper Shipping Name (IMDG) : NITROGEN, COMPRESSED	
Class (IMDG) : 2 - Gases	
MFAG-No : 121	
Air transport	
UN-No.(IATA) : 1066	
Proper Shipping Name (IATA) : Nitrogen, compressed	

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2 : Gases under pressure/Gases nonflammable nontoxic under pressure

SECTION 15: Regulatory information	
5.1. US Federal regulations	
Nitrogen, compressed (7727-37-9)	
Listed on the United States TSCA (Toxic Subs	stances Control Act) inventory
SARA Section 311/312 Hazard Classes	Sudden release of pressure hazard

### 15.2. International regulations

#### CANADA

Nitrogen, compressed (7727-37-9)	
Listed on the Canadian DSL (Domestic Substances List)	
Nitrogen (7727-37-9)	
Listed on the Canadian DSL (Domestic Substances List)	

#### **EU-Regulations**

#### Nitrogen, compressed (7727-37-9)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

#### 15.2.2. National regulations

#### Nitrogen, compressed (7727-37-9)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the Korean ECL (Existing Chemicals List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Nitrogen, compressed(7727-37-9)		
U.S California - Proposition 65 - Carcinogens List	No	
U.S California - Proposition 65 - Developmental Toxicity	No	
U.S California - Proposition 65 - Reproductive Toxicity - Female	No	
U.S California - Proposition 65 - Reproductive Toxicity - Male	No	
State or local regulations	U.S Massachusetts - Right To Know List U.S New Jersey - Right to Know Hazardous Substance List U.S Pennsylvania - RTK (Right to Know) List	

U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
No	No	No	No	
Nitrogen (7727-37-9)				
U.S Massachusetts - F U.S New Jersey - Rigt U.S Pennsylvania - R	nt to Know Hazardous Substance	List		

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SECTION 16: Other information	
Revision date	: 6/24/2015 12:00:00 AM
Other information	: When you mix two or more chemicals, you can create additional, unexpected hazards. Obtain and evaluate the safety information for each component before you produce the mixture. Consult an industrial hygienist or other trained person when you evaluate the end product. Before using any plastics, confirm their compatibility with this product.
	Praxair asks users of this product to study this SDS and become aware of the product hazards and safety information. To promote safe use of this product, a user should (1) notify employees, agents, and contractors of the information in this SDS and of any other known product hazards and safety information, (2) furnish this information to each purchaser of the product, and (3) ask each purchaser to notify its employees and customers of the product hazards and safety information.
	The opinions expressed herein are those of qualified experts within Praxair, Inc. We believe that the information contained herein is current as of the date of this Safety Data Sheet. Since the use of this information and the conditions of use are not within the control of Praxair, Inc., it is the user's obligation to determine the conditions of safe use of the product.
	Praxair SDSs are furnished on sale or delivery by Praxair or the independent distributors and suppliers who package and sell our products. To obtain current SDSs for these products, contact your Praxair sales representative, local distributor, or supplier, or download from www.praxair.com. If you have questions regarding Praxair SDSs, would like the document number and date of the latest SDS, or would like the names of the Praxair suppliers in your area, phone or write the Praxair Call Center (Phone: 1-800-PRAXAIR/1-800-772-9247; Address: Praxair Call Center, Praxair, Inc., P.O. Box 44, Tonawanda, NY 14151-0044).
	PRAXAIR and the Flowing Airstream design are trademarks or registered trademarks of Praxair Technology, Inc. in the United States and/or other countries.
NFPA health hazard	: 0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.
NFPA fire hazard	: 0 - Materials that will not burn.
NFPA reactivity	: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.
NFPA specific hazard	: SA - This denotes gases which are simple asphyxiants.

#### HMIS III Rating

Health	: 0 Minimal Hazard - No significant risk to health
Flammability	: 0 Minimal Hazard
Physical	: 3 Serious Hazard

SDS US (GHS HazCom 2012) - Praxair

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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