

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 11/07/2014 Version: 1.0

| SECTION 1: Identification of the s | ubstance/mixture and of the company/undertaking |
|---|---|
| 1.1. Product identifier | |
| Product form | : Mixture |
| Product name | : Blueshield 5 |
| Product code | : SG-2002-02965 |
| 1.2. Relevant identified uses of the second | ubstance or mixture and uses advised against |
| Use of the substance/mixture | : Shielding gas for arc welding |
| 1.3. Details of the supplier of the safe | ety data sheet |
| Air Liquide America Specialty Gases 6141 Easton Rd Plumsteadville, PA 18949 - USA T 1.800.217.2688 www.airliquide.com | |
| 1.4. Emergency telephone number | |
| Emergency number | : CHEMTREC: 1-800-424-9300 |
| SECTION 2: Hazards identification | h |
| 2.1. Classification of the substance of | |
| Classification (GHS-US) | |
| Compressed gas | H280 |
| 2.2. Label elements | |
| GHS-US labeling | |
| Hazard pictograms (GHS-US) | GHS04 |
| Signal word (GHS-US) | : Warning |
| Hazard statements (GHS-US) | : H280 - Contains gas under pressure; may explode if heated OSHA-H01 - May displace oxygen and cause rapid suffocation |
| Precautionary statements (GHS-US) | P202 - Do not handle until all safety precautions have been read and understood P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves, protective clothing, eye protection, face protection P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing P313 - Get medical advice/attention P403 - Store in a well-ventilated place P501 - Dispose of contents/container in accordance with local/regional/national/international regulations CGA-PG02 - Protect from sunlight when ambient temperature exceeds 52°C (125°F) CGA-PG05 - Use a back flow preventive device in the piping CGA-PG06 - Close valve after each use and when empty CGA-PG10 - Use only with equipment rated for cylinder pressure CGA-PG14 - Approach suspected leak area with caution CGA-PG21 - Open valve slowly |
| 2.3. Other hazards | |
| No additional information available | |
| 2.4. Unknown acute toxicity (GHS-US |) |
| No data available | |
| SECTION 3: Composition/informa | tion on ingradiants |

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

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| 3.2. | Mixture | | | |
|--------|---------|--------------------|----|---|
| Name | | Product identifier | % | Classification (GHS-US) |
| Argon | | (CAS No)7440-37-1 | 95 | Compressed gas, H280 |
| Oxyger | 1 | (CAS No)7782-44-7 | 5 | Ox. Gas 1, H270 Compressed gas, H280 |

| SECTION 4: First aid measures | |
|---|---|
| 4.1. Description of first aid measures | |
| First-aid measures after inhalation : | Remove to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice. |
| 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. |
| 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 |
| Symptoms/injuries : | Symptoms similar to those listed under inhalation. |
| Symptoms/injuries after inhalation : | May displace oxygen and cause rapid suffocation. If you feel unwell, seek medical advice. |
| Symptoms/injuries after skin contact : | Adverse effects not expected from this product. |
| Symptoms/injuries after eye contact : | Adverse effects not expected from this product. |
| Symptoms/injuries after ingestion : | Ingestion is not considered a potential route of exposure. |
| Symptoms/injuries upon intravenous : administration | Not known. |
| Chronic symptoms : | None known. |
| 4.3. Indication of any immediate medical a | ttention and special treatment needed |
| If breathing is difficult, give oxygen. Obtain medical | attention if breathing difficulty persists. |
| | |
| SECTION 5: Firefighting measures | |
| SECTION 5: Firefighting measures 5.1. Extinguishing media | |
| 5.1. Extinguishing media | Use extinguishing media appropriate for surrounding fire. |
| 5.1.Extinguishing mediaSuitable extinguishing media: | Use extinguishing media appropriate for surrounding fire. Do not use water jet to extinguish. |
| 5.1.Extinguishing mediaSuitable extinguishing media: | Do not use water jet to extinguish. |
| 5.1. Extinguishing media Suitable extinguishing media : Unsuitable extinguishing media : 5.2. Special hazards arising from the substitution | Do not use water jet to extinguish. |
| 5.1. Extinguishing media Suitable extinguishing media : Unsuitable extinguishing media : 5.2. Special hazards arising from the substitution in the substi | Do not use water jet to extinguish. tance or mixture |
| 5.1.Extinguishing mediaSuitable extinguishing media:Unsuitable extinguishing media:5.2.Special hazards arising from the subsFire hazard:Explosion hazard: | Do not use water jet to extinguish. tance or mixture The product is not flammable. Product is not explosive. Heat may build pressure, rupturing closed containers, spreading fire |
| 5.1. Extinguishing media Suitable extinguishing media : Unsuitable extinguishing media : 5.2. Special hazards arising from the subs Fire hazard : Explosion hazard : | Do not use water jet to extinguish. tance or mixture The product is not flammable. Product is not explosive. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. |
| 5.1. Extinguishing media Suitable extinguishing media : Unsuitable extinguishing media : 5.2. Special hazards arising from the subs Fire hazard : Explosion hazard : Reactivity : 5.3. Advice for firefighters | Do not use water jet to extinguish. tance or mixture The product is not flammable. Product is not explosive. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. |
| 5.1. Extinguishing media Suitable extinguishing media : Unsuitable extinguishing media : 5.2. Special hazards arising from the subs Fire hazard : Explosion hazard : Reactivity : 5.3. Advice for firefighters | Do not use water jet to extinguish. tance or mixture The product is not flammable. Product is not explosive. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. None known. In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion. Use water spray or |
| 5.1.Extinguishing mediaSuitable extinguishing media:Unsuitable extinguishing media:5.2.Special hazards arising from the subsFire hazard:Explosion hazard:Reactivity:5.3.Advice for firefightersFirefighting instructions: | Do not use water jet to extinguish. tance or mixture The product is not flammable. Product is not explosive. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. None known. In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Standard protective clothing and equipment (e.g., Self Contained Breathing Apparatus) for fire fighters. Do not enter fire area without proper protective equipment, including respiratory protection. |
| 5.1. Extinguishing media Suitable extinguishing media : Unsuitable extinguishing media : 5.2. Special hazards arising from the subs Fire hazard : Explosion hazard : Reactivity : 5.3. Advice for firefighters Firefighting instructions : Protection during firefighting : | Do not use water jet to extinguish. tance or mixture The product is not flammable. Product is not explosive. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. None known. In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Standard protective clothing and equipment (e.g., Self Contained Breathing Apparatus) for fire fighters. Do not enter fire area without proper protective equipment, including respiratory protection. INCL |

| o.i. Personal precautions, protective e | quipment and emergency procedures |
|--|--|
| General measures | : Ensure adequate ventilation. |
| 6.1.1. For non-emergency personnel | |
| Protective equipment | : Wear protective equipment consistent with the site emergency plan. |
| Emergency procedures | : Escape the danger area by the closest safe route. Close doors and windows of adjacent premises. Keep containers closed. Mark the danger area. Seal off low-lying areas. Keep upwind. |
| 6.1.2. For emergency responders | |
| Protective equipment | : Standard protective clothing and equipment (e.g., Self Contained Breathing Apparatus) for fire fighters. Equip cleanup crew with proper protection. |
| Emergency procedures | : Evacuate and limit access. Ventilate area. |
| | |

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| 6.2. Environmental precautions | |
|--|---|
| Try to stop release if safe to do so. | |
| 6.3. Methods and material for contain | nment and cleaning up |
| For containment | : Try to stop release if safe to do so. |
| Methods for cleaning up | : Dispose of this material and its container in accordance with local regulations. |
| 6.4. Reference to other sections | |
| See also Sections 8 and 13. | |
| SECTION 7: Handling and storage | e |
| 7.1. Precautions for safe handling | |
| Additional hazards when processed | : Pressurized container: Do not pierce or burn, even after use. Use equipment rated for cylinder pressure. |
| Precautions for safe handling | : Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-ventilated area. |
| Hygiene measures | : Do not eat, drink or smoke when using this product. |
| 7.2. Conditions for safe storage, incl | uding any incompatibilities |
| Technical measures | : Comply with applicable regulations. |
| Storage conditions | : Do not expose to temperatures exceeding 52°C (125°F). Keep container closed when not in use. Protect cylinder from physical damage. |
| Incompatible products | : None known. |
| Incompatible materials | : None known. |
| 7.3. Specific end use(s) | |
| No additional information available | |
| SECTION 8: Exposure controls/pe | ersonal protection |
| 8.1. Control parameters | |
| Argon (7440-37-1) | |
| 8.2. Exposure controls | |
| Appropriate engineering controls | : Provide adequate general and local exhaust ventilation. Systems under pressure should be regularly checked for leakages. Ensure exposure is below occupational exposure limits. Oxygen detectors should be used when asphyxiating gases may be released. Consider work permit system e.g. for maintenance activities. |
| Hand protection | : Wear working gloves when handling gas containers. 29CFR 1910.138: Hand Protection. |
| Eye protection | : Wear safety glasses with side shields. 29 CFR 1910.133: Eye and Face Protection. |
| Skin and body protection | : Wear suitable protective clothing, e.g lab coats, coveralls or flame resistant clothing. |
| Respiratory protection | : None necessary during normal and routine operations. |
| Thermal hazard protection | : None necessary during normal and routine operations. |
| Environmental exposure controls | : Refer to local regulations for restriction of emissions to the atmosphere. See section 13 for specific methods for waste gas treatment. |
| Other information | : Wear safety shoes while handling containers. 29 CFR 1910.136: Foot Protection. |
| | |

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| SECTION 9: Physical and chemical properties | | |
|---|---|--|
| 9.1. Information on basic physical and o | chemical properties | |
| Physical state | : Gas | |
| Appearance | : Clear, colorless gas. | |
| Color | : Colorless | |
| Odor | : odorless | |
| Odor threshold | : Not available | |
| рН | : Not available | |
| Relative evaporation rate (butyl acetate=1) | : No data available | |
| Relative evaporation rate (ether=1) | : Not applicable for gas-mixtures. | |
| Melting point | : Not available | |
| Freezing point | : No data available | |
| Boiling point | : Not available | |
| Flash point | : No data available | |
| Auto-ignition temperature | : No data available | |
| Decomposition temperature | : No data available | |
| Flammability (solid, gas) | : No data available | |
| Vapor pressure | : Not available | |
| Relative vapor density at 20 °C | : Not available | |
| Relative density | : No data available | |
| Relative gas density | : Heavier than air | |
| Solubility | Water: Solubility in water of component(s) of the mixture : •: 61 mg/l •: 39 mg/l | |
| Log Pow | : No data available | |
| Log Kow | : No data available | |
| Viscosity, kinematic | : Not applicable | |
| Viscosity, dynamic | : Not applicable | |
| Explosive properties | : Not applicable - not flammable. | |
| Oxidizing properties | : None. | |
| Explosive limits | : No data available | |
| 9.2. Other information | | |
| Additional information | : Gas/vapour heavier than air. May accumulate in confined spaces, particularly at or below ground level. | |
| SECTION 10: Stability and reactivity | | |
| 10.1. Reactivity | | |
| None known. | | |
| 10.2. Chemical stability | | |
| Stable under normal conditions. | | |
| 10.3. Possibility of hazardous reactions | | |
| None known. | | |
| 10.4. Conditions to avoid | | |
| None under recommended storage and handling | g conditions (see section 7). | |
| 10.5. Incompatible materials | | |
| None known. | | |
| | | |

10.6. Hazardous decomposition products

Under normal conditions of storage and use hazardous decomposition products should not be produced.

| SECTI | ON 11: Toxicological informati | on | | |
|----------|--------------------------------------|------------------|--|--|
| 11.1. | Information on toxicological effects | | | |
| Acute to | ticity | : Not classified | | |

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| Argon (7440-37-1) | |
|---|--|
| LC50 inhalation rat (ppm) | 410000 ppm/4h |
| Oxygen (7782-44-7) | |
| LC50 inhalation rat (ppm) | 400000 ppm/4h |
| Skin corrosion/irritation | : Not classified |
| | pH: Not available |
| Serious eye damage/irritation | : Not classified |
| | pH: Not available |
| Respiratory or skin sensitization | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| Specific target organ toxicity (single exposure) | : Not classified |
| | |
| Specific target organ toxicity (repeated exposure) | : Not classified |
| Aspiration hazard | : Not classified |
| Symptoms/injuries after inhalation | : May displace oxygen and cause rapid suffocation. If you feel unwell, seek medical advice. |
| Symptoms/injuries after skin contact | : Adverse effects not expected from this product. |
| Symptoms/injuries after eye contact | : Adverse effects not expected from this product. |
| Symptoms/injuries after ingestion | : Ingestion is not considered a potential route of exposure. |
| Symptoms/injuries upon intravenous administration | : Not known. |
| Chronic symptoms | : None known. |
| 12.1. Toxicity | |
| SECTION 12: Ecological information 12.1. Toxicity No additional information available 12.2. Persistence and degradability | |
| 12.1. Toxicity No additional information available 112.2. Persistence and degradability 112.2. | |
| Toxicity No additional information available | No ecological damage caused by this product. |
| Toxicity No additional information available 12.2. Persistence and degradability Argon (7440-37-1) Persistence and degradability | |
| Toxicity No additional information available 12.2. Persistence and degradability Argon (7440-37-1) Persistence and degradability Oxygen (7782-44-7) | No ecological damage caused by this product. |
| Toxicity No additional information available 12.2. Persistence and degradability Argon (7440-37-1) Persistence and degradability Oxygen (7782-44-7) Persistence and degradability | |
| Toxicity No additional information available 12.2. Persistence and degradability Argon (7440-37-1) Persistence and degradability Oxygen (7782-44-7) | No ecological damage caused by this product. |
| Toxicity No additional information available 12.2. Persistence and degradability Argon (7440-37-1) Persistence and degradability Oxygen (7782-44-7) Persistence and degradability | No ecological damage caused by this product. |
| Toxicity No additional information available 12.2. Persistence and degradability Argon (7440-37-1) Persistence and degradability Oxygen (7782-44-7) Persistence and degradability 12.3. Bioaccumulative potential Argon (7440-37-1) Log Pow | No ecological damage caused by this product. |
| Toxicity No additional information available 12.2. Persistence and degradability Argon (7440-37-1) Persistence and degradability Oxygen (7782-44-7) Persistence and degradability 12.3. Bioaccumulative potential Argon (7440-37-1) | No ecological damage caused by this product. No ecological damage caused by this product. |
| Toxicity No additional information available 12.2. Persistence and degradability Argon (7440-37-1) Persistence and degradability Oxygen (7782-44-7) Persistence and degradability 12.3. Bioaccumulative potential Argon (7440-37-1) Log Pow | No ecological damage caused by this product. |
| 12.1. Toxicity No additional information available 12.2. Persistence and degradability Argon (7440-37-1) Persistence and degradability Oxygen (7782-44-7) Persistence and degradability 12.3. Bioaccumulative potential Argon (7440-37-1) Log Pow Bioaccumulative potential Oxygen (7782-44-7) Log Pow Bioaccumulative potential | No ecological damage caused by this product. No ecological damage caused by this product. No ecological damage caused by this product. Not applicable for inorganic gases. No ecological damage caused by this product. No ecological damage caused by this product. Not applicable for inorganic gases. Not applicable for inorganic gases. Not applicable for inorganic gases. |
| 12.1. Toxicity No additional information available 12.2. Persistence and degradability Argon (7440-37-1) Persistence and degradability Oxygen (7782-44-7) Persistence and degradability 12.3. Bioaccumulative potential Argon (7440-37-1) Log Pow Bioaccumulative potential Oxygen (7782-44-7) | No ecological damage caused by this product. No ecological damage caused by this product. No ecological damage caused by this product. Not applicable for inorganic gases. No ecological damage caused by this product. |
| 12.1. Toxicity No additional information available 12.2. Persistence and degradability Argon (7440-37-1) Persistence and degradability Oxygen (7782-44-7) Persistence and degradability 12.3. Bioaccumulative potential Argon (7440-37-1) Log Pow Bioaccumulative potential Oxygen (7782-44-7) Log Pow Bioaccumulative potential | No ecological damage caused by this product. No ecological damage caused by this product. No ecological damage caused by this product. Not applicable for inorganic gases. No ecological damage caused by this product. No ecological damage caused by this product. Not applicable for inorganic gases. Not applicable for inorganic gases. Not applicable for inorganic gases. |
| 12.1. Toxicity No additional information available 12.2. Persistence and degradability Argon (7440-37-1) Persistence and degradability Oxygen (7782-44-7) Persistence and degradability 12.3. Bioaccumulative potential Argon (7440-37-1) Log Pow Bioaccumulative potential Oxygen (7782-44-7) Log Pow Bioaccumulative potential | No ecological damage caused by this product. No ecological damage caused by this product. No ecological damage caused by this product. Not applicable for inorganic gases. No ecological damage caused by this product. No ecological damage caused by this product. Not applicable for inorganic gases. Not applicable for inorganic gases. Not applicable for inorganic gases. |
| 12.1. Toxicity No additional information available 12.2. Persistence and degradability Argon (7440-37-1) Persistence and degradability Oxygen (7782-44-7) Persistence and degradability 12.3. Bioaccumulative potential Argon (7440-37-1) Log Pow Bioaccumulative potential Oxygen (7782-44-7) Log Pow Bioaccumulative potential Oxygen (7782-44-7) Log Pow Bioaccumulative potential Oxygen (7782-44-7) Log Pow Bioaccumulative potential | No ecological damage caused by this product. No ecological damage caused by this product. No ecological damage caused by this product. Not applicable for inorganic gases. No ecological damage caused by this product. No ecological damage caused by this product. Not applicable for inorganic gases. Not applicable for inorganic gases. Not applicable for inorganic gases. |
| 12.1. Toxicity No additional information available 12.2. Persistence and degradability Argon (7440-37-1) Persistence and degradability Oxygen (7782-44-7) Persistence and degradability 12.3. Bioaccumulative potential Argon (7440-37-1) Log Pow Bioaccumulative potential Oxygen (7782-44-7) Log Pow Bioaccumulative potential 12.4. Mobility in soil Argon (7440-37-1) Ecology - soil | No ecological damage caused by this product. No ecological damage caused by this product. Not applicable for inorganic gases. No ecological damage caused by this product. Not applicable for inorganic gases. No ecological damage caused by this product. |
| 12.1. Toxicity No additional information available 12.2. Persistence and degradability 12.2. Persistence and degradability Argon (7440-37-1) Persistence and degradability 0xygen (7782-44-7) Persistence and degradability 12.3. Bioaccumulative potential Argon (7440-37-1) Log Pow Bioaccumulative potential 0xygen (7782-44-7) Log Pow Bioaccumulative potential 12.4. Mobility in soil Argon (7440-37-1) | No ecological damage caused by this product. No ecological damage caused by this product. Not applicable for inorganic gases. No ecological damage caused by this product. Not applicable for inorganic gases. No ecological damage caused by this product. |
| 12.1. Toxicity No additional information available 12.2. Persistence and degradability Argon (7440-37-1) Persistence and degradability Oxygen (7782-44-7) Persistence and degradability 12.3. Bioaccumulative potential Argon (7440-37-1) Log Pow Bioaccumulative potential Oxygen (7782-44-7) Log Pow Bioaccumulative potential 12.4. Mobility in soil Argon (7440-37-1) Ecology - soil Oxygen (7782-44-7) Ecology - soil | No ecological damage caused by this product. No ecological damage caused by this product. Not applicable for inorganic gases. No ecological damage caused by this product. Not applicable for inorganic gases. No ecological damage caused by this product. No ecological damage caused by this product. |
| 12.1. ToxicityNo additional information available12.2. Persistence and degradabilityArgon (7440-37-1)Persistence and degradabilityOxygen (7782-44-7)Persistence and degradability12.3. Bioaccumulative potentialArgon (7440-37-1)Log PowBioaccumulative potentialOxygen (7782-44-7)Log PowBioaccumulative potential12.4. Mobility in soilArgon (7440-37-1)Ecology - soilOxygen (7782-44-7)Ecology - soil12.5. Other adverse effects | No ecological damage caused by this product. No ecological damage caused by this product. Not applicable for inorganic gases. No ecological damage caused by this product. No ecological damage caused by this product. |
| 12.1. Toxicity No additional information available 12.2. Persistence and degradability Argon (7440-37-1) Persistence and degradability Oxygen (7782-44-7) Persistence and degradability 12.3. Bioaccumulative potential Argon (7440-37-1) Log Pow Bioaccumulative potential Oxygen (7782-44-7) Log Pow Bioaccumulative potential 12.4. Mobility in soil Argon (7440-37-1) Ecology - soil Oxygen (7782-44-7) Ecology - soil | No ecological damage caused by this product. No ecological damage caused by this product. Not applicable for inorganic gases. No ecological damage caused by this product. Not applicable for inorganic gases. No ecological damage caused by this product. No ecological damage caused by this product. |

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| SECTION 13: Disposal consideration | S |
|--|--|
| 13.1. Waste treatment methods | |
| Waste treatment methods | : Contact supplier if guidance is required. Do not discharge into any place where its accumulation could be dangerous. Ensure that the emission levels from local regulations or operating permits are not exceeded. |
| Waste disposal recommendations | : Refer to the CGA Pamphlet P-63 "Disposal of Gases" available at www.cganet.com for more guidance on suitable disposal methods. |
| Additional information | : None. |
| SECTION 14: Transport information | |
| In accordance with DOT | |
| Transport document description | : UN1956 Compressed gas, n.o.s., 2.2 |
| UN-No.(DOT) | : 1956 |
| DOT NA no. | : UN1956 |
| Proper Shipping Name (DOT) | : Compressed gas, n.o.s. |
| Department of Transportation (DOT) Hazard Classes | : 2.2 - Class 2.2 - Non-flammable compressed gas 49 CFR 173.115 |
| lazard labels (DOT) | : 2.2 - Non-flammable gas |
| | |
| DOT Symbols | : G - Identifies PSN requiring a technical name |
| OOT Packaging Exceptions (49 CFR 173.xxx) | : 306;307 |
| OT Packaging Non Bulk (49 CFR 173.xxx) | : 302;305 |
| OT Packaging Bulk (49 CFR 173.xxx) | : 314;315 |
| OOT Quantity Limitations Passenger aircraft/rail 49 CFR 173.27) | : 75 kg |
| OOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) | : 150 kg |
| OOT Vessel Stowage Location | : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel. |
| Additional information | |
| Other information | : No supplementary information available. |
| ADR | |
| ransport document description | : UN 1956, 2.2, (E) |
| Class (ADR) | : 2 - Gases |
| lazard identification number (Kemler No.) | : 20 |
| Classification code (ADR) | : 1A |
| lazard labels (ADR) | : 2.2 - Non-flammable compressed gas |
| | |
| Drange plates | 20 1956 |
| unnel restriction code (ADR) | : E |
| Q | : 120ml |
| Excepted quantities (ADR) | : E1 |
| Fransport by sea | |
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| UN-No. (IMDG) | : 1956 |
|-----------------------------|--|
| Proper Shipping Name (IMDG) | : COMPRESSED GAS, N.O.S. |
| Class (IMDG) | : 2.2 - Non-flammable, non-toxic gases |
| Air transport | |
| UN-No.(IATA) | : 1956 |
| Proper Shipping Name (IATA) | : COMPRESSED GAS, N.O.S. |
| Class (IATA) | : 2 |

SECTION 15: Regulatory information

15.1. US Federal regulations

No additional information available

15.2. International regulations CANADA Argon (7440-37-1) Listed on the Canadian DSL (Domestic Sustances List) WHMIS Classification Class A - Compressed Gas Oxygen (7782-44-7) Listed on the Canadian DSL (Domestic Sustances List) WHMIS Classification Class A - Compressed Gas Class A - Compressed Gas WHMIS Classification Class A - Compressed Gas Class C - Oxidizing Material

EU-Regulations

No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

15.2.2. National regulations

No additional information available

15.3. US State regulations

| Argon (7440-37-1) | |
|--|--|
| 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 | |
| Oxygen (7782-44-7) | |
| 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 | |

| SECTION 16: Other information | |
|-------------------------------|---|
| Indication of changes | : Revised safety data sheet in accordance with OSHA final rule on GHS implementation promulgated March 26, 2012. |
| Other information | This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR, 1910.1200. Other government regulations must be reviewed for applicability to this product. |

Full text of H-phrases: see section 16:

| Compressed gas | Gases under pressure Compressed gas |
|----------------|--|
| Ox. Gas 1 | Oxidizing gases Category 1 |
| H270 | May cause or intensify fire; oxidizer |
| H280 | Contains gas under pressure; may explode if heated |

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SDS US (GHS HazCom 2012)

This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR, 1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of Air Liquide America Corporation's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either express or implied, are provided. The information contained herein relates only to this specific product. If this product is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.