

Safety Data Sheet 50268 according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 04/23/2015 Version: 1.0

| SECTION 1: Identification of the su | ubstance/mixture and of the company/undertaking |
|--|---|
| 1.1. Product identifier | distance/mixture and or the company/undertaking |
| Product form | : Mixture |
| Product name | : Benzene (0.0005 - 0.005%) in Nitrogen Balance |
| 1.2. Relevant identified uses of the su | ibstance or mixture and uses advised against |
| Use of the substance/mixture | : Test gas/Calibration gas. |
| 1.3. Details of the supplier of the safe | ty data sheet |
| Calgaz, division of Air Liquide 821 Chesapeake Drive Cambridge, 21613 - USA T 1-410-228-6400 - F 1-410-228-4251 info@Calgaz.com - www.Calgaz.com | |
| 1.4. Emergency telephone number | |
| Emergency number | : CHEMTREC: 1-800-424-9300 Internationally: 1-703-527-3887 |
| SECTION 2: Hazards identification | |
| 2.1. Classification of the substance of | r mixture |
| Classification (GHS-US) | |
| Compressed gas | H280 |
| Full text of H-phrases: see section 16 | |
| | |
| 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 eye protection, face protection, protective gloves, protective clothing P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing P308+P313 - If exposed or concerned: 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

Unknown acute toxicity (GHS US) 2.4.

Not applicable

SECTION 3: Composition/information on ingredients

Substance 3.1.

Not applicable

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| Name | Product identifier | % | Classification (GHS-US) |
|----------|--------------------|---------------------|--|
| Nitrogen | (CAS No) 7727-37-9 | 99.995 - 99.9995 | Compressed gas, H280 |
| Benzene | (CAS No) 71-43-2 | 0.0005 - 0.005 | Flam. Liq. 2, H225 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Muta. 1B, H340 Carc. 1A, H350 STOT RE 1, H372 Asp. Tox. 1, H304 |

Full text of H-phrases: see section 16

| · · | |
|---|--|
| SECTION 4: First aid measures | |
| 4.1. Description of first aid measures | |
| First-aid measures after inhalation | : Remove victim 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 ef | fects, both acute and delayed |
| Symptoms/injuries after inhalation | : May displace oxygen and cause rapid suffocation. |
| 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 | : Adverse effects not expected from this product. |
| 4.3. Indication of any immediate medi | ical attention and special treatment needed |
| If you feel unwell, seek medical advice. If brea | athing is difficult, give oxygen. |
| SECTION 5: Firefighting measures | |
| 5.1. Extinguishing media | |
| Suitable extinguishing media | : Use extinguishing media appropriate for surrounding fire. |
| Unsuitable extinguishing media | : Do not use water jet to extinguish. |
| 5.2. Special hazards arising from the | substance or mixture |
| Fire hazard | : The product is not flammable. |
| Explosion hazard | Product is not explosive. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. |
| Reactivity | : None known. |
| 5.3. Advice for firefighters | |
| Firefighting instructions | : 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. |
| Protection during firefighting | 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. |
| Specific methods | : Exposure to fire may cause containers to rupture/explode. Continue water spray from protected position until container stays cool. Move containers away from the fire area if this can be done without risk. |
| SECTION 6: Accidental release me | easures |
| | equipment and emergency procedures |
| | |

: Wear protective equipment consistent with the site emergency plan.

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| 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. |
| 6.2. Environmental precautions | |
| Try to stop release if safe to do so. | |
| 6.3. Methods and material for conta | inment 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 storag | 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. Close valve after each use and when empty. |
| 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. |
| Safe handling of the gas receptacle | Protect cylinders from physical damage; do not drag, roll, slide or drop. Do not remove or deface labels provided by the supplier for the identification of the cylinder contents. |
| Safe use of the product | : 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 remove or deface labels provided by the supplier for the identification of the cylinder contents. Use only properly specified equipment which is suitable for this product, its supply pressure and temperature. Contact your gas supplier if in doubt. |
| Hygiene measures | : Do not eat, drink or smoke when using this product. |
| 7.2. Conditions for safe storage, inc | luding any incompatibilities |
| Fechnical 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. Store in well ventilated area. |
| ncompatible products | : None known. |
| ncompatible materials | : None known. |
| Storage area | : Store in a well-ventilated place. Store away from heat. |
| 7.3. Specific end use(s) | |
| | |

See Section 1.2.

SECTION 8: Exposure controls/personal protection

| .1. Control parameters | | | | |
|-------------------------|-------------------------|------------------------------|-----|--|
| Benzene (0.0005 - 0.005 | 5%) in Nitrogen Balance | | | |
| ACGIH | Not applicable | | | |
| OSHA | Not applicable | | | |
| DNEL | DNEL | <= | | |
| Nitrogen (7727-37-9) | | | | |
| ACGIH | Not applicable | | | |
| OSHA | Not applicable | | | |
| Benzene (71-43-2) | | | | |
| ACGIH | ACGIH TWA (ppm) | 0.5 ppm | | |
| ACGIH | ACGIH STEL (ppm) | 2.5 ppm | | |
| OSHA | OSHA PEL (TWA) (ppm) | 1 ppm | | |
| OSHA | OSHA PEL (STEL) (ppm) | 5 ppm (see 29 CFR 1910.1028) | | |
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| Benzene (71-43-2) | | |
|---------------------------------|----------------------------------|---|
| OSHA | OSHA PEL (Ceiling) (ppm) | 25 ppm |
| | | |
| 8.2. Exposure controls | | |
| Appropriate engineering control | exhaust ventilation. Systems u | upational exposure limits. Provide adequate general and local nder pressure should be regularly checked for leakages. Oxyger n asphyxiating gases may be released. Consider work permit ctivities. |
| Hand protection | : Wear working gloves when ha | ndling gas containers. 29 CFR 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 cloth | ng, e.g lab coats, coveralls or flame resistant clothing. |

| 611 | • | Treat satisfies protostive sistering, s.g. has source, severalle of harris resistant | riour outdolo p | 21110 |
|-----|---|--|-----------------|-------|
| | : | None necessary during normal and routine operations. See Sections 5 & 6. | None necessary | j. |

: Refer to local regulations for restriction of emissions to the atmosphere. See section 13 for

: Wear safety shoes while handling containers. 29 CFR 1910.136: Foot Protection.

Respiratory protection Thermal hazard protection : None necessary during normal and routine operations.

specific methods for waste gas treatment.

Other information

Environmental exposure controls

SECTION 9: Physical and chemical properties

| SECTION 5. Physical and chemical | properties |
|---|------------------------------------|
| 9.1. Information on basic physical and | chemical properties |
| Physical state | : Gas |
| Appearance | : Clear, colorless gas. |
| Color | : Colorless |
| Odor | : aromatic |
| Odor threshold | : No data available |
| рН | : No data available |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : No data available |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Relative evaporation rate (ether=1) | : Not applicable for gas-mixtures. |
| Flammability (solid, gas) | : See Section 2.1 and 2.2 |
| Explosion limits | : Not applicable - not flammable |
| Explosive properties | : Not applicable - not flammable. |
| Oxidizing properties | : None. |
| Vapor pressure | : Not applicable. |
| Relative density | : No data available |
| Relative vapor density at 20 °C | : No data available |
| Molecular mass | : Not applicable for gas-mixtures. |
| Relative gas density | : Similar to air |
| Solubility | : No data available |
| Log Pow | : Not applicable for gas-mixtures. |
| Log Kow | : Not applicable for gas-mixtures. |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity | : No data available |
| Viscosity, kinematic | : Not applicable. |
| Viscosity, dynamic | : Not applicable. |
| 9.2. Other information | |
| Gas group | : Compressed gas |
| | |

SECTION 10: Stability and reactivity

- 10.1. Reactivity
- None known.

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| 10.2. Chemical stability | |
|--|--|
| Stable under normal conditions. | |
| 10.3. Possibility of hazardous reactions | |
| None known. | |
| 40.4 Conditions to sucid | |
| 10.4. Conditions to avoid | anditions (and position 7) |
| None under recommended storage and handling of | ionalitons (see section 7). |
| 10.5. Incompatible materials | |
| None known. | |
| 10.6. Hazardous decomposition products | |
| Under normal conditions of storage and use hazar | dous decomposition products should not be produced. |
| SECTION 11: Toxicological information | n |
| 11.1. Information on toxicological effects | Л |
| | |
| Likely routes of exposure | : Inhalation |
| -, | : Not classified |
| Acute toxicity | |
| Nitrogen (7727-37-9) | |
| LC50 inhalation rat (ppm) | 820000 ppm/4h |
| Benzene (71-43-2) | |
| LD50 oral rat | 930 mg/kg |
| LC50 inhalation rat (ppm) | 13230 (13050 - 14380) ppm/4h |
| ATE US (oral) | 930.000 mg/kg body weight |
| ATE US (gases) | 13230.000 ppmV/4h |
| ATE US (vapors) | 11.000 mg/l/4h |
| ATE US (dust, mist) | 1.500 mg/l/4h |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/irritation | : Not classified |
| Respiratory or skin sensitization | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Bonzono (71 43 2) | |
| Benzene (71-43-2) IARC group | 1 - Carcinogenic to humans |
| National Toxicology Program (NTP) Status | 1 - Evidence of Carcinogenicity, 2 - Known Human Carcinogens |
| In OSHA Hazard Communication Carcinogen | Yes |
| list | |
| In OSHA Specifically Regulated Carcinogen list | Yes |
| Reproductive toxicity | Not classified |
| | : 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. |
| 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 | : Adverse effects not expected from this product. |

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| SECTION 12: Ecological informati | on |
| 12.1. Toxicity | |
| Ecology - general | : No ecological damage caused by this product. |
| | |
| Benzene (71-43-2) | |
| LC50 fish 1 | 10.7 - 14.7 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| EC50 Daphnia 1 | 8.76 - 15.6 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) |
| EC50 other aquatic organisms 1 | 29 mg/l (Exposure time: 72 h - Species: Pseudokirchneriella subcapitata) |
| LC50 fish 2 | 5.3 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through]) |
| EC50 Daphnia 2 | 10 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| 12.2. Persistence and degradability | |
| Benzene (0.0005 - 0.005%) in Nitrogen Ba | alance |
| Persistence and degradability | No data available. |
| Nitrogen (7727-37-9) | |
| Persistence and degradability | No ecological damage caused by this product. |
| <u>,</u> | |
| 12.3. Bioaccumulative potential | |
| Benzene (0.0005 - 0.005%) in Nitrogen Ba | lance |
| Log Pow | Not applicable for gas-mixtures. |
| Log Kow | Not applicable for gas-mixtures. |
| Bioaccumulative potential | No data available. |
| Nitrogen (7727-37-9) | |
| Log Pow | Not applicable for inorganic gases. |
| Bioaccumulative potential | No ecological damage caused by this product. |
| Benzene (71-43-2) | |
| BCF fish 1 | 3.5 - 4.4 |
| Log Pow | 1.83 |
| 42.4 Mehilikyin eçil | |
| 12.4. Mobility in soil | |
| Benzene (0.0005 - 0.005%) in Nitrogen Ba | |
| Mobility in soil | No data available. |
| Nitrogen (7727-37-9) | |
| Ecology - soil | No ecological damage caused by this product. |
| | |
| 12.5. Other adverse effects | |
| Effect on ozone layer | : No known effects from this product. |
| Effect on the global warming | : No known ecological damage caused by this product. |
| | |
| SECTION 13: Disposal considerat | ions |
| 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. |
| SECTION 14: Transport information | bn |
| | |
| Department of Transportation (DOT) | |
| In accordance with DOT | |
| Transport document description | : UN1956 Compressed gas, n.o.s. (Nitrogen, Benzene) |
| | : UN1956 |
| UN-No.(DOT) | |
| Proper Shipping Name (DOT) | : Compressed gas, n.o.s. |

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|--|--|
| Hazard labels (DOT) | : 2.2 - Non-flammable gas |
| | 2 |
| DOT Packaging Non Bulk (49 CFR 173.xxx) | : 302;305 |
| DOT Packaging Bulk (49 CFR 173.xxx) | : 314;315 |
| DOT Symbols | : G - Identifies PSN requiring a technical name |
| DOT Packaging Exceptions (49 CFR 173.xxx) | : 306;307 |
| DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) | : 75 kg |
| DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) | : 150 kg |
| DOT 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. |
| 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 cylinder valve is closed and not leaking Ensure valve outlet cap nut or plug (where provided) is correctly fitted. |
| ADR | |
| Transport document description | : UN 1956, 2.2, (E) |
| Class (ADR) | : 2 - Gases |
| Hazard identification number (Kemler No.) | : 20 |
| Classification code (ADR) | : 1A |
| Hazard labels (ADR) | : 2.2 - Non-flammable compressed gas |
| Orange plates | 20 1956 |
| Tunnel restriction code (ADR) | : E |
| Limited quantities (ADR) | : 120ml |
| Excepted quantities (ADR) | : E1 |
| Transport by sea | |
| UN-No. (IMDG) | : 1956 |
| Proper Shipping Name (IMDG) | : COMPRESSED GAS, N.O.S. |
| Class (IMDG) | : 2 - 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 | 1 |

Listed on the United States TSCA (Toxic Substances Control Act) inventory

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| Benzene (71-43-2) | |
|--|-------------------------------|
| Listed on the United States TSCA (Toxic Subs Listed on United States SARA Section 313 | tances Control Act) inventory |
| SARA Section 313 - Emission Reporting | 0.1 % |
| | |

15.2. International regulations

CANADA

| Nitrogen (7727-37-9) | | |
|--|--|--|
| Listed on the Canadian DSL (Domestic Sustances List) | | |
| WHMIS Classification | Class A - Compressed Gas | |
| Benzene (71-43-2) | | |
| Listed on the Canadian DSL (Domestic Sustances List) | | |
| WHMIS Classification | Class B Division 2 - Flammable Liquid Class D Division 2 Subdivision A - Very toxic material causing other toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects | |

EU-Regulations

| Nitrogen | (7727-37-9) |
|----------|-------------|
|----------|-------------|

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

Benzene (71-43-2)

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

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Compressed gas Full text of H-phrases: see section 16 H280

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD] No additional information available

National regulations

| Nitrogen (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) | |
| Benzene (71-43-2) | |
| Listed on IARC (International Agency for Research on Cancer) 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 Japanese ENCS (Existing & New Chemical Substances) inventory 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) Japanese Pollutant Release and Transfer Register Law (PRTR Law) Listed as carcinogen on NTP (National Toxicology Program) Listed on the Canadian IDL (Ingredient Disclosure List) | |

15.3. US State regulations

| Benzene (71-43-2) | | | | |
|--|--|---|---|--------------------------------------|
| 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) |
| Yes | Yes | No | Yes | 6.4 µg/day |
| Nitrogen (7727-37-9) U.S Massachusetts - F U.S New Jersey - Righ | Right To Know List ht to Know Hazardous Substance | List | | |

U.S. - Pennsylvania - RTK (Right to Know) List

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Benzene (71-43-2)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List
- U.S. Pennsylvania RTK (Right to Know) Special Hazardous Substances
- 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:

| Acute Tox. 4 (Inhalation) | Acute toxicity (inhalation) Category 4 |
|---------------------------|--|
| Acute Tox. 4 (Oral) | Acute toxicity (oral) Category 4 |
| Asp. Tox. 1 | Aspiration hazard Category 1 |
| Carc. 1A | Carcinogenicity Category 1A |
| Compressed gas | Gases under pressure Compressed gas |
| Eye Irrit. 2A | Serious eye damage/eye irritation Category 2A |
| Flam. Liq. 2 | Flammable liquids Category 2 |
| Muta. 1B | Germ cell mutagenicity Category 1B |
| Skin Irrit. 2 | Skin corrosion/irritation Category 2 |
| STOT RE 1 | Specific target organ toxicity (repeated exposure) Category 1 |
| H225 | Highly flammable liquid and vapor |
| H280 | Contains gas under pressure; may explode if heated |
| H302 | Harmful if swallowed |
| H304 | May be fatal if swallowed and enters airways |
| H315 | Causes skin irritation |
| H319 | Causes serious eye irritation |
| H332 | Harmful if inhaled |
| H340 | May cause genetic defects (Inhalation) |
| H350 | May cause cancer |
| H372 | Causes damage to organs through prolonged or repeated exposure |

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 gas mixture. To the best of Calgaz's knowledge, the information contained herein is reliable and accurate as of this date; however, accruacy, 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 gas mixture 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.