SECTION 1 - IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

The Coleman Company, Inc.
3600 N Hydraulic
Wichita, Kansas 67219
Phone: 1 800 835 3278 (bus hours)

Chemical Nature:	**Propane**
Trade Name:	**Propane**
Product Use:	**Disposable cartridges for use in portable gas appliances**
Creation Date:	**19-March-2014**
Revision Date:	**30-June-2014**

SECTION 2 - HAZARD IDENTIFICATION

UN Number:	**1978, Propane**
Classification:	**Flammable Gases, Category 1**
SUSDP Classification:	**S6**



Hazard Statements	**DANGER** **Extremely flammable gas.** **Harmful if inhaled.** **Causes skin irritation.** **Causes serious eye irritation.**
Precautionary Statements	**Keep out of the reach of children.** **Keep container in a well-ventilated place at a temperature not exceeding 48°C.** **Keep away from heat and ignition sources - No Smoking.** **In case of fire, use dry chemical, water fog or foam.** **Use only in well ventilated areas.** **Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.** **In case of insufficient ventilation, wear suitable respiratory equipment.** **Remove to fresh air immediately. Get medical attention immediately.** **Do NOT induce vomiting. Get immediate medical attention.** **If frostbite, call a physician.** **Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention.** **Avoid run off to waterways and sewers.**

SECTION 3 - COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical	CAS Number	EC Number	Conc. %	OSHA	Australia	Canada	EU
Propane	74-98-6	200-827-9	90-99%	1000 ppm	not set	1000 ppm	not set
Ethyl Mercaptan	75-08-1	200-837-3	trace	not set	0.5 ppm	0.5 ppm	not set
C2-C4 Hydrocarbons	Various	---	to 100%	not set	not set	1000 ppm	not set

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

SECTION 4 - FIRST AID MEASURES

Inhalation Remove person to fresh air and seek immediate medical assistance. Give oxygen if breathing is difficult, give artificial resuscitation if not breathing.

Eye Contact Irrigate with water for 15 minutes. Hold eyelids open to ensure adequate flushing. Seek immediate medical assistance.

Ingestion Do NOT induce vomiting. Seek immediate medical assistance.

Skin Contact In case of cold burns caused by rapidly expanding gas or vaporizing liquid, seek immediate medical assistance. Loosely wrap the affected area in towels wet with warm water.

SECTION 5 - FIRE FIGHTING MEASURES

Liquid releases flammable vapors at well below ambient temperatures and readily forms a flammable mixture with air. Dangerous fire and explosion hazard when exposed to heat, sparks or flame. Vapors are heavier than air and may travel long distances to a point of ignition and flash back. Container may explode in heat or fire. Runoff to sewer may cause fire or explosion hazard.

Extinguishing Media: Use Dry Chemical, Water Fog or Foam extinguishers.

Fire Fighting: Fire fighters to wear respiratory protection (positive pressure if available). Do not enter enclosed or confined spaces without proper protective equipment. Use water to cool containers exposed to flames.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Use personal safety equipment at all times as detailed in Section 8. Evacuate area and shut off all sources of ignition. Contain spill and keep from entering waterways or sewers. Absorb with inert material. Shovel or sweep spill and place in closed container for disposal. Advise EPA or state agency if required.

SECTION 7 - HANDLING AND STORAGE

Handling: Minimize the quantities kept in work areas. Keep product away from high energy ignition sources, heat, sparks, pilot lights, static electricity and open flame. Do not eat, drink or smoke when handling this product. Wash hands thoroughly after handling.

Storage: Store in a cool, well ventilated area with adequate containment in the event of spills and away from sources of ignition. Do not store where temperature may exceed 48^{o}C. Check containers and valves periodically for leaks.

Special Precautions: To prevent and minimize fire or explosion risk from static accumulation and discharge, effectively bond and/or ground product transfer system. Electrical equipment and fittings must comply with local fire prevention regulations for this class of product.

EMPTY CONTAINER WARNING: Empty containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not reuse empty containers without commercial cleaning or reconditioning. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls: Use only in a well ventilated area. See Section 3 for exposure limits. Use non-sparking equipment and lighting in areas where explosive vapors may form. Loading, unloading, tank gauging, etc., remain upwind. Keep containers closed when not in use.

Personal Protection:

Eye / Face Protection Safety glasses, splash goggles or face shield as appropriate.

Skin Protection Avoid prolonged and/or repeated skin contact. If prolonged contact cannot be avoided, wear protective gloves (cotton, rubber, PVC) and clothing.

Respiratory Protection Use supplied air or self-contained breathing equipment in confined or enclosed spaces, fire fighting or for unknown concentrations.

Environmental Controls: Keep fuel from entering waterways and sewers.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, colorless gas
Odor:	Odorless - a stenching agent (ethyl mercaptan) has been added so leaks can be detected
Boiling Point:	-44°C @ 14.70 PSIA
Melting Point:	-218°C
Flashpoint:	-104°C
Evaporation Rate:	Very Rapid
Flammability Limits:	2.0 - 9.5%
Vapor Pressure:	190 - 208 PSI
Vapor Density:	1.56
Specific Gravity:	0.59
Solubility in Water:	Insoluble
Autoignition Temperature:	450°C

SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use.

Conditions to Avoid: Avoid heat, sparks, open flames and other ignition sources.

Materials to Avoid: Avoid contact with strong acids, alkalies and oxidizers.

Hazardous Decomposition: Burning may result in sulfur dioxide and sulfur trioxide fumes, smoke, carbon monoxide and carbon dioxide. HAZARDOUS POLYMERIZATION will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Health Effects: Acute

Ingestion Due to high volatility this is not likely to occur.

Inhalation Exposure may produce rapid breathing, headache, dizziness, visual disturbances, muscular weakness, tremors, narcosis, unconsciousness or death depending on concentration/time of exposure.

Skin Exposure Exposure to liquid could result in frostbite symptoms.

Eye Exposure Liquid will cause severe damage. Vapor will cause irritation.

This product is not listed as carcinogenic or a potential carcinogen by the National Toxicology Program.

SECTION 12 - ECOLOGICAL INFORMATION

Liquid release is only expected to cause localized, non-persistent environmental damage, such as freezing. Biodegradation of this product may occur in soil and water. Volatilization is expected to be the most important removal process in soil and water. This product is expected to exist entirely in the vapor phase in ambient air.

SECTION 13 - DISPOSAL CONSIDERATION

Dispose of in accordance with all local, state and federal regulations.

SECTION 14 - TRANSPORT INFORMATION

U.S. Department of Transportation (DOT)

Proper Shipping Name:	**Propane**
UN Number:	**1978**
Hazard Class	**2.1**
Packing Group:	**Not specified**
Marine Pollutant:	**No**

International Maritime Organization (IMDG)

Proper Shipping Name:	**Propane**
UN Number:	**1978**
Hazard Class	**2.1**
Packing Group:	**Not specified**
Marine Pollutant:	**No**

Transport of Dangerous Goods by Road (ADR)

Proper Shipping Name:	**Propane**
UN Number:	**1978**
Hazard Class	**2.1**
Packing Group:	**Not specified**
Marine Pollutant:	**No**

Transport of Dangerous Goods by Rail (RID)

Proper Shipping Name:	**Propane**
UN Number:	**1978**
Hazard Class	**2.1**
Packing Group:	**Not specified**
Marine Pollutant:	**No**

International Air Transport Association (IATA)

Proper Shipping Name:	**Propane**
UN Number:	**1978**
Hazard Class	**2.1**
Packing Group:	**Not specified**
Marine Pollutant:	**No**

SECTION 15 - REGULATORY INFORMATION

SECTION 16 - ANY OTHER RELEVANT INFORMATION

This SDS contains only safety-related information. For other data see product literature.

PLEASE READ ALL LABELS CAREFULLY BEFORE USING PRODUCT.

Manufacturer Disclaimer:
The information contained herein is based upon data available to us and reflects our best professional judgment. However no warranty of merchantability, fitness for any use, or other warranty is expressed or implied regarding the accuracy of such data, the results to be obtained from the use thereof, or that any such use does not infringe any patent. Since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume any responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

Within the US:

The Coleman Company, Inc.
3600 N Hydraulic
Wichita, Kansas 67219
Phone: 1 800 835 3278 (bus hours)
American Association of Poison Control Centers: 1 800 222 1222

Within Australia:

Coleman Brands Pty Limited
Suite W2C1, 75-85 O'Riordan St
Sydney Corporate Park, Alexandria, NSW 2015
Phone: 1 800 224 350 (bus hours)
Poisons Information Centre: 13 1126 within Australia, 0800 764 766 in New Zealand

Within Canada:

Sunbeam Corporation (Canada) Limited
20B Hereford Street
Brampton, Ontario L6Y 0M1
Phone: 1 800 387 6161 (bus hours)
Poison and Drug Information Services: 1 866 454 1212

Within United Kingdom:

Coleman UK Ltd
Kestrel Court, Harbour Road - Portishead
Bristol, BS20 7AN - England
Phone: 44 (0)1275 845024 (bus hours)
National Poisons Information Service: 0845 4647 in England & Wales, 08454 24 24 24 in Scotland,
01 809 2166 in Republic of Ireland

Revisions:

6/30/2014 **Added Environmental Control information to Section 8, Marine Pollutant information to Section 14 and Campingaz United Kingdom contact information.**