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# Material Safety Data Sheet

## **SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: GREEN GAS FOR AIRSOFT

## **SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS**

CHEMICAL CHARACTERISATION: Liquefied Petroleum Gas.

<u>COMPONENT</u>	<u>CAS NO.</u>	<u>PERCENTAGE</u>
Propane	74-98-6	99.99%
Silicone Oil	63148-62-9	<0.01%

## **SECTION 3 - HAZARDS IDENTIFICATION**

**MAJOR HEALTH HAZARDS:** At very high concentrations, can displace the normal air and cause suffocation from lack of oxygen. Liquid can cause burns similar to frostbite. Caution: Ethyl mercaptan used as a warning agent may not be entirely effective in all situations.

**PHYSICAL HAZARDS:** Flammable gas. May cause flash fire. Flash back hazard. Extremely flammable.

### POTENTIAL HEALTH EFFECTS

#### **INHALATION:**

At very high concentrations, can displace the normal air and cause suffocation from lack of oxygen.

#### **SKIN CONTACT:**

Liquid can cause burns similar to frostbite.

#### **EYE CONTACT:**

Extremely cold material; can cause burns similar to frostbite

#### **INGESTION:**

Ingestion of liquid can cause burns similar to frostbite.

## **SECTION 4 - FIRST AID MEASURES**

#### **INHALATION:**

If adverse situations occur, remove to uncontaminated area. Give artificial respiration if not breathing. Get immediate medical attention.

**SKIN CONTACT:**

Contact with liquid: Immediately flush with plenty of water. DO NOT USE HOT WATER. Get immediate medical attention.

**EYE CONTACT:**

Contact with liquid: Immediately flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**INGESTION:**

Get immediate medical attention.

## **SECTION 5 - FIRE FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** Carbon dioxide (CO<sub>2</sub>) · Dry chemical dry · Foam · Water Fog

Do not extinguish with water unless absolutely necessary.

In case the materials is released or spilled, Rinse affected area thoroughly with water for clean-up, These procedures will help to minimize potential exposures.

Aerosol products will be burst when temperature is climbing up speedily.

**FIRE FIGHTING PROTECTIVE EQUIPMENT:** Firefighters should wear full bunker gear, including a positive pressure self contained breathing apparatus.

**FLAMMABILITY CLASSIFICATION:** Flammable gas.

## **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Avoid heat, flames, sparks and other sources of ignition. Do not touch spilled material. Reduce vapors with water spray. Keep unnecessary people away, isolate hazard area and deny entry. Remove sources of ignition. Ventilate closed spaces before entering. Large spills: Dike for later disposal. Cover with plastic sheet or tarp to minimize spreading and protect from contact with water. Prevent spreading by diking, ditching, or absorbing on inert materials.

## **SECTION 7 - HANDLING AND STORAGE**

**STORAGE:** Store in a cool, dry place. Store in a well-ventilated area. Do not store in areas containing flammable or combustible products. Store below 49 °C. Store away from heat ignition sources, and open flame in accordance with applicable regulations.

**HANDLING:** Keep away from all ignition sources. Keep container tightly closed. Use only with adequate ventilation. Do not cut, puncture, or weld on or near this container. Do not breathe vapors.

## **SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**VENTILATION:** Control airborne concentrations below the exposure guidelines. Use with adequate ventilation. If ventilation is inadequate, use supplied- air respirator.

**EYE PROTECTION:** Do not get in eyes. Wear chemical goggles.

**CLOTHING:** As needed to prevent contact with liquid - wear impervious clothing.

**GLOVES:** As needed to prevent contact with liquid - wear gloves.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

COLOR:	Colorless
ODOR THRESHOLD:	N/D
BOILING POINT:	-42°C (-44°F)
FLASH POINT:	-105°C (-157°F) ( closed cup)
VAPOR PRESSURE:	8.42atm @ 21.1°C / 127psi (70°F)
VAPOR DENSITY (air = 1):	0.504 @ 15.56 °C (60 °F)
SPECIFIC GRAVITY (water = 1):	0.51 @ 16 °C
SOLUBILITY IN WATER:	65ml/L
pH	Not applicable
EVAPORATION RATE:	Not applicable
% VOLATILES:	Not applicable
COEFFICIENT OF WATER/OIL	Not applicable
DISTRIBUTION:	Not applicable

## SECTION 10 - STABILITY AND REACTIVITY

**REACTIVITY:** Stable at normal temperatures and pressure.

**CONDITIONS TO AVOID:** Avoid heat, flames, sparks and other sources of ignition. Minimize contact with material. Containers may rupture or explode if exposed to heat.

**INCOMPATIBILITIES:** halogens, strong oxidizing materials

**HAZARDOUS DECOMPOSITION:**

**Combustion products:** oxides of carbon

**POLYMERIZATION:** Will not polymerize.

## SECTION 11 - TOXICOLOGICAL INFORMATION

**EYE IRRITATION:** Testing not conducted. See Other Toxicity Data.

**SKIN IRRITATION:** Testing not conducted. See Other Toxicity Data.

**DERMAL LD50:** Testing not conducted. See Other Toxicity Data.

**ORAL LD50:** Testing not conducted. See Other Toxicity Data.

**INHALATION LC50:** Testing not conducted. See Other Toxicity Data.

## SECTION 12 - ECOLOGICAL INFORMATION

Ecological testing has not been conducted on this product by Propane.

## SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose in accordance with all applicable regulations. The container for this product can present explosion or fire hazards, even when emptied! To avoid risk of injury, do not cut, puncture or weld on or near this container. Since the emptied containers retain product residue, follow product insert warnings even after container is emptied.

## SECTION 14 - TRANSPORT INFORMATION

<b>DESCRIPTION OF THE GOODS:</b>	UN1950 Aerosols, class 2.1
<b>IMDG/IATA CLASS:</b>	2.1
<b>UN NUMBER:</b>	1950
<b>LABEL:</b>	2.1

In case of exporting, Importer should be observe all applicable local, state and federal regulation, and fully understand ordinances regarding related regulation of the products.

## SECTION 15 - REGULATORY INFORMATION

This product, as supplied, is regulated as a hazardous waste by the Taiwan Environmental Protection Agency (EPA) under environmental protection related regulations. Comply with state and local regulations for disposal. If you are unsure of the regulations, contact your local Public Health Department, or the local office of the EPA.

Taiwan related regulations listed as below:

1. Labor Safety and Health Act
2. Enforcement Rules of the Labor Safety and Health Act

## SECTION 16 - OTHER INFORMATION

### PRECAUTION: READ THIS MSDS BEFORE USE

As of the date of preparation of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state law(s). However, no warranty or representation with respect to such information is intended or given.