

# MATERIAL SAFETY DATASHEET

## 1. SURVEY:

a) NAME: BUTANE GAS LIGHTER

b) CLASSIFICATION: CLASS 2

UN NO.: 1057

IMCO CODE PAGE: 2154

c) STRUCTURAL DRAWING:

|   |   |   |   |   |
|---|---|---|---|---|
| H | H | H | H | H |
| C | C | C | C | C |
| H | H | H | H | H |

d) MANUFACTURER'S NAME: FAYCO INDUSTRIES, INC.  
MOLECULAR STRUCTURE:  $CB_3$   $CM_3$   $CH_3$   $CH_3$

ADDRESS: 300 RYDERS LANE  
EAST BRUNSWICK, NJ 08816 U.S.A.

## 2. DANGEROUS ELEMENT:

a) 1.4G BUTANE/PC (EACH GAS LIGHTER CONTAINING: 1.40 BUTANE UNDER 88% OF THE VOLUME)

## 3. PHYSICAL QUALITIES:

a) DENSITY UNDER LIQUID STATE (S/omb d -0.5788g/cmJ)

b) MELTING POINT: -185.0 °C

c) BOILING POINT: -0.5°C

## 4. DATA OF FIRE BREAKING OUT AND EXPLOSION:

a) FLASH POINT: 45°C

UNDER CERTAIN TEMPERATURE THE VAPOUR FROM THE INFLAMMABLE AND FLAMMABLE LIQUID MEETS UP WITH THE AIR. THEIR MIXTURE FLASHES OUT AS SOON AS IT MEETS WITH THE FIRE SOURCE.

b) EXPLOSION LIMIT:

IT IS THE CONCENTRATION LIMIT OF EXPLOSION WHEN THE MIXTURE OF FLAMMABLE GAS, FLAMMABLE LIQUID STEAM, FLAMMABLE DUST AND THE AIR MEETS WITH THE FIRE SOURCE.

d) HOW TO TREAT IN URGENCY AND METHOD OF EXTINGUISHING A FIRE: USE WATER, SAND FOAM OR CARBON DIOXIDE TO EXTINGUISH FIRE.

## 5. HAZARDS TO HEALTH AND AID PROCEDURE:

IT MAY CAUSE POISONING WHEN THE GAS LEAKS OUT IF IRRITATION PERSISTS SEE PHYSICIAN WITH URGENCY

## 6. REACTION:

BUTANE WILL RESULT IN FIRE AND EXPLOSION AS IT MEETS WITH FIRE SOURCE.

## 7. SPILL OR LEAK PROCEDURES:

REPLACE WITH NEW PACKING WHEN BREAKAGE AND LEAKAGE HAPPENS.

## 8. SPECIAL FIRE PREVENTION PROCEDURES:

STORE IN DRY AND WELL VENTILATED PLACE HANDLE WITH CARE, AVOID EXPOSURE TO SUNLIGHT, DONOT HANDLE THE GOODS IN RAINY DAYS, KEEP FAR AWAY FROM FIRE AND HEAT SOURCE.

NOTE: THE PACKAGE CONFORMS TO CONDITIONS AND LIMITATIONS SPECIFIED IN 49 CRF#3-4

CHEMICAL EMERGENCY # 1-800-535-5053

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