

## The effect of medication and ingredients of PFCO-1

- The main ingredients of PFCO-1 for Perfluoro and Ozone to be mixed, the molecular formula to part of the C6F14 and O3.
- Due to the characteristics of Ozone was very unsettled and a characteristic of difficult to store, we are to Point out clinic and hospital who should be to buy our PFCO–Pharmacy-Machines to make up by oneself for clinical to put in use immediately and to enhance the effect of medication, also it could to be frugal the cost.
- As there is a need to define air as an interface, so SARS infection include flu of any type or pulmonary which they were alike property the ulcer of superficiality and bacterial infection, this is a new medical definition and as well as is our basis of patent invent, the revolutionize of lung treatment history that already to start, if you no to identify oneself with it be bound to fall behind!
- The Ozone is a benignancy bactericide it was acknowledged in the world, it could be to destroyed or decomposed a cell wall of germs to oxidize the internal of a cell and to cause death the original body of a cell, however, the PFC is a excellent polymerization liquid of macromolecule and it has zero ozone depletion, the collocation it was a seamless heavenly robe.
- The clinical concentration to consult list below:

<b>Ozone sterilizing in liquid ( 1ppm= 1mg / L )</b>			
<b>O3 Density</b>	<b>Time</b>	<b>Types of viruses and pathogens</b>	<b>Sterilizing efficiency</b>
10mg/m3	20 mins	Type-B hepatitis surface antigen (HbsAg)	99.99%
0.5 ppm	5 mins	Type-A flu virus	99%
0.13 ppm	30 seconds	Poliomyelitis virus type I (PVI)	100%
0.040 ppm	20 seconds	Coliphage ms2	98%
0.25 ppm	1 mins	SA-H and human-wheel virus type 2	99.60%
* 12.6 ppm	4 mins	Coronaviridae	100%
4 ppm	3 mins	HIV	100%
8mg/m3	10 mins	Mycoplasma, Chlamydia, and other pathogens	99.85%

- This medicine substance to suit with registered doctor to put in use clinical for enter lung to cure SARS, bird flu and flu of anyone germs infect; it was unusual for preserved children of tender age whom they are in virtue of head cold to bring about a high fever to surmount 39° C which was easy to lead to pathological changes to die or the intelligence to descend , this medicine substance could be to bring down a fever immediately and it could be to evaporate and not any vestiges.
- The phthisis was same a type of germs infect of lung, this medicine substance has a specific remedy only.
- This medicine substance could be to washing lung of smoker and pneumoconiosis of aged people, because the single oxygen atom it could be to produced intense oxygenation for the deposit-stain to decomposed.

### PFCO-1 a matter needing attention of using medication

The Perfluoro liquid of medicine substance it was to choose the PF-5080 electronic liquid of 3M company of USA with to mix Ozone to manufacture, the liquid was to guaranteed that it is non-irritating to the eyes and skin, and is practically non-toxic orally. The 3M company was further to guaranteed the product also demonstrates very low acute and sub chronic inhalation toxicity and the liquid it has zero ozone depletion potential.

Because the Ozone is not chemical reaction for the macromolecule liquid of PFC, so above the distinguishing characteristic of the PFCO-1 liquid that is not to changed; but the characteristics of Ozone was very unsettled, so there is to take apart the glue bag of air-tight wrapping as soon as, the mark concentration of Ozone it could be to descend, the numerical analysis of ppm which was on behalf of the lethality for germs, the PFCO-1 liquid has a characteristic of fine to evaporated it was especially in the body temperature, as well as it must to regulate the concentration of Ozone in the liquid with it could be to once to kill the germs of lung-cavity and to request clinicians who must to look out.

Although in proportion to the concentration of oxygen it may be upward 15-30ppm or above-mentioned, the PFCO–Pharmacy-Machines could be to adjust the oxygen concentration to reach to surmount the evaporate period which breathe capacity of liquid medicine, even if is this, our proposal is that the lungs be used interchangeably during clinical trial phase while the other lungs can still supply oxygen. This is to ensure safety.

To use the mark concentration of Ozone is 10ppm or still more for an allergic reaction and volatility test are our advice, it's volatility is about three times over for alcohol. Those are to have the PFCO–Pharmacy-Machines's clinic and hospital will be to have abundant clinical experience quickly.

This medicine substance it was to belong to a “ lung-cavity an appetite fluid” and it was to originate in medicine history and inconvenient used for the public, so it does not to go on sale, it only to supply for those have the patent authorized and who must were the register doctor, clinic or hospital use the prescription authority for clinical.

# PFCO-Pharmacy-Machines

Standard Model: PFCO-PMA

## Introduction

These unusual PFCO pharmacy machines are ideal for laboratory, hospital and clinic to compound a specific remedy for infectious lung disease. The specific remedy was to fixed dissolve some Ozone which pharmaceutical name shall be to denominate for PFCO-1, but it only suitable for clinical to put in use immediately or short-term store; another products for dissolve fixed some Oxygen to have other purpose of lung disease, the pharmaceutical name shall be to denominate for PFCO-2, it could be to store in a long-term.

These unusual PFCO pharmacy machines are consumption Fully-fluorinated liquid and the bottled Oxygen of purity over 99.5%.

The PFCO were specially for treating high fever from the SARS, bird flu and flu of any type including the phthisis, which advance at the same time has good effects on tidying up the lungs of smoker and lung-dust ill of aged people.

The invention of PFCO to put in used that was absolute to rewrite the history of medical treatment of Chinese and Western, so the PFCO medicine and the machine of pharmacy it will be about to obtain application extensively.

The machine of PFCO in accordance with the invent name that the "Surface Treatment of SARS-Infected Lungs" of the patent right of the HK patent number HK1060833 to supervise the manufacture and design, the patent right and copyright was possess simultaneously, so it must be strictly forbid to copy!

The patent application number of PCT was PCT/SG03/00145, the patent of every country in

## PFCO-PMA



application; inventor is looking for the agent of the pharmacy machine or the PFCO medicine in every county.

## Characteristics

- The standard model is PFCO-PMA which in used a set of ATI A15/64 dissolved ozone monitor, the measurement range it was enough for the pharmacy of PFCO-1 in general;
- The model of PFCO-PMB added one set of dissolved Oxygen monitor that measurement range between in 0-60ppm for pharmacy the PFCO-2 or to show the capacity of dissolved Oxygen of PFCO-1;
- The PFCO pharmacy machines was to pick an Ozone generator of water-cool type, the oxygen purity must to outstrip 99.5%;
- The PFCO pharmacy machines was made by stainless steel including the airtight-ness jar and it was inbuilt a filter in here;
- The standard airtight-ness jar to distinguish of three types which were 5, 10, 20 kilogram PFC which were 5, 10, 20 kilogram PFC capacity, to have something custom-made by order to specify;
- The PFCO pharmacy machines was to picked oil-less, non lubricated diaphragm liquid pump and control by a three digital timer for measure bottling or input the liquid for the lung transfusion bottle;
- The PFCO pharmacy machines was to pick the mix pump it could to prevent oxidation;
- The large-scale pharmacy machine include the automatic bottling system must by special quotation at some other time;
- Volume: 450 x 710 x 1360 mm (5Kgs)
- Pharmacy efficiency: 30-60 Min/ 5Kgs, it looks as if the standard of filter and consistency.
- Min. Pharmacy quantity: 1 kilogram
- Weight: 29 kilogram
- Overall Power: 146 watt / 220v

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## Equipment Introduction

1. A15/64 Dissolved Ozone Monitor:
    - a. Display: 16-character alphanumeric liquid crystal display with backlight.
    - b. Measurement Range: Programmable 0-20.00 PPM standard or 0-2.00.
    - c. Sensitivity: 0.001 PPM above 0.005 PPM
    - d. Repeatability:  $\pm 0.01$  PPM
    - e. Linearity: 0.5%
    - f. Response Time: 90% in <60 seconds
    - g. Output Range: Programmable for any range from 0-1 PPM to 0-20 PPM.
    - h. Sensor Temperature Compensation: Automatic  $-2^{\circ}\text{C}$  to  $+52^{\circ}\text{C}$ .
    - i. Sensor: Polarographic membraned sensor.
    - j. Sensor Materials: Noryl and stainless steel.
  2. Digital Timer: 0-999 second.
  3. Magnetic Drive Mix Pump:
    - a. Motor: 6 W / 220 VAC / 50 Hz
    - b. Speed: 2,800 rpm.
  4. Diaphragm Liquid Pump:
    - a. Free flow: 400 ml/min
    - b. Max. Power consumption: 5 W
    - c. Max. Suction height/vacuum: 6.0m WC
    - d. Max. Pressure intermittent: 15m WC
    - e. Max. Pressure continuous: 10 m WC
  5. Ozone generators:
    - a. Max. to yield up: 3g / h
    - b. Power: 80 watt / 220v AC
  6. One set of Cooling radiator:
    - a. Capacity: 400 x 90 x 250 mm
    - b. A submersible pump or pressure boost: 50 watt / 220vAC
  7. Customer have authority to choose to arrange for one set of destruct chamber for deal with the overflow for mix or discharge outdoor:
    - a. Power: 150 watt / 220v AC;
    - b. Catalyst Mixture: MnO<sub>2</sub>/CuO;
    - c. Construction: T316 Stainless Steel;
    - d. The specifics after in order.
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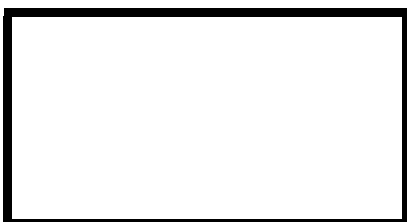
The PFCO is an up-to-date medicine of an invent patent, but, the Ozone can not be stored in the medicine to offer for sale, so the clinic and hospital who they must to buy the PFCO-1 machine and the patent to be authorized after that right away to compound and right away to use, the effect of medication far better than the present one by hundredfold which medicines of lung germs infect, for instance, As there is a need to define air as an interface, so SARS infection include any type of flu which is alike property of the ulcer of superficiality and bacterial infection, this is a new medical definition and as well as the basis of our patent invention and the basis for your belief in our patent too. It also that proven that the effect of medication of any antibiotics or vaccine was inevitable finite for bacterial infection of lung illness of any type flu, up to the present, no anyone doctor or specialist who could to negate this diagnosis theory of medical science! That was to include in before long time, a SARS medicine guides still to point those steroids, Ribavirin of antibiotics that make public of the Hong Kong Hospital Authority, obvious, the error in diagnosis was unlucky for residents of HK city! The requisition for patent negotiations it was still in proceed.

Therefore, the PFCO-1 was the only chosen medicine for curing SARS, this medicine machine can be used to control the Ozone concentration easily, the clinical concentration form it could be to consult "The effect of medication and ingredients of PFCO-1", the misgivings of "burn lung-cell" it may be solved by the hide-test, in addition to this, the clinical does not have any side effect!

At present, the PFC liquid and an oxygen atom is not classified by any country as a controlled medicament matter. Our PFCO-Pharmacy-Machine have provides PFCO-1 and PFCO-2 allows certified medical practitioners to prescribe medicine for lung infections caused by bacteria. For example, according to Hong Kong's section 28 of Pharmacy and Poisons Ordinance, all registered practitioners prescribe and use this type of medicine could be without having to register with the medical and drug regulatory department. Furthermore, those unauthorized hospitals and clinics will not dare to use this practice openly. This is therefore beneficial to the PFCO invention and its patent as it gives them more protection. However, as the usage of this medicine may differ among countries, it is necessary that the retailers of different countries to be aware of this.

These designs according to a patent authorize and copyright to possess simultaneously, so which was strictly forbid to counterfeit!

## Represented By:



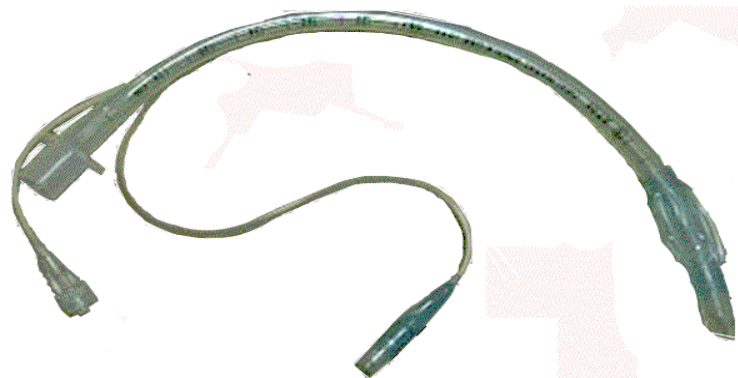
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## Tracheal Tube For Single Use

<p style="text-align: center;"><b><u>Propose Using !</u></b></p> <p style="text-align: center;">To operate in coordination using for the Clinical Three Channel Valve</p> <p><b>Caution and instruction manual:</b></p> <ol style="list-style-type: none"> <li>1. Store in clean, dry condition away from light and avoid freezing and excessive heat;</li> <li>2. Seat 15mm connector firmly into tracheal tube prior to use;</li> <li>3. Avoid contact with laser beams or electrosurgery electrodes;</li> <li>4. To tear open the parcel bagging and take out the Tracheal Tube to join the contact;</li> <li>5. Using an injector to face the gasbag to fill an little gas to check if puncture of the gasbag;</li> <li>6. To pump out gas of the gasbag;</li> <li>7. Start the normal operation to intubate procedure;</li> </ol>	<p style="text-align: center;">HKD \$30.00 (single tube type)</p>  <p style="text-align: center;">Children type: 2.5#, 3.5#, 4.5#, 5.5#, 6#; Adult type: 6.5#, 7.5#, 8#, 8.5#, 9#, 9.5#, 10#;</p> <p style="text-align: center;">HKD \$50.00 (repeatedly use) Clinical Three Channel Valve</p> 
	<p style="text-align: center;">Common Tracheal Tube Package For Single Use</p>
<p style="text-align: center;">Even tube Tracheal Tube for Single use <b>high-priced !</b> <b>Standards Diameter</b></p> <p style="text-align: center;">Children type: 2.5#, 3.5#, 4.5#, 5.5#, 6#; Adult type: 6.5#, 7.5#, 8#, 8.5#, 9#, 9.5#, 10#;</p>	

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PFCO infusion support

Air Valves inside

In depth the Bronchus



# Performance Fluid

## PF-5080

### Introduction

3M™ Performance Fluid PF-5080 is a clear, colorless, fully-fluorinated liquid (perfluorocarbon). Like other 3M performance fluids, PF-5080 fluid is chemically and thermally stable, practically non-toxic, and nonflammable. High dielectric strength and excellent materials compatibility make PF-5080 fluid an excellent choice in a wide range of applications, from lubricant deposition and process solvent applications to heat transfer.

### Typical Physical Properties

Not for specification purposes

All values determined at 25°C unless otherwise specified

Properties	PF-5080
Appearance	Clear, colorless
Average Molecular Weight	438
Boiling Point, 1 atm	101°C
Pour Point	-30°C
Critical Temperature	502 °C
Critical Pressure	1.66 x 10 <sup>6</sup> Pa
Vapor Pressure	3.87 x 10 <sup>3</sup> Pa
Heat of Vaporization, (at normal boiling point)	92 J/g
Liquid Density	1.77 g/ml
Viscosity, Kinematic	0.79 centipoise
Liquid Specific Heat	1.05 J g <sup>-1</sup> °C <sup>-1</sup>
Liquid Thermal Conductivity	0.064 W m <sup>-1</sup> °C <sup>-1</sup>
Coefficient of Expansion	0.0014 °C <sup>-1</sup>
Surface Tension	15 dynes/cm
Refractive Index	1.270
Water Solubility	11 ppm
Solubility in Water	<5 ppm

### Electrical Properties

Not for specification purposes

All values determined at 25°C unless otherwise specified

Properties	
Dielectric Strength	41 kV, 0.1" gap
Dielectric Constant	1.85 1MHZ
Volume Resistivity	8.4 x 10 <sup>15</sup> ohm-cm

## 3M™ Performance Fluid PF-5080 Heat Transfer Properties

The following formulas can be used to calculate the specific heat, thermal conductivity, density and vapor pressure of 3M™ Performance Fluid PF-5080 at various temperatures.

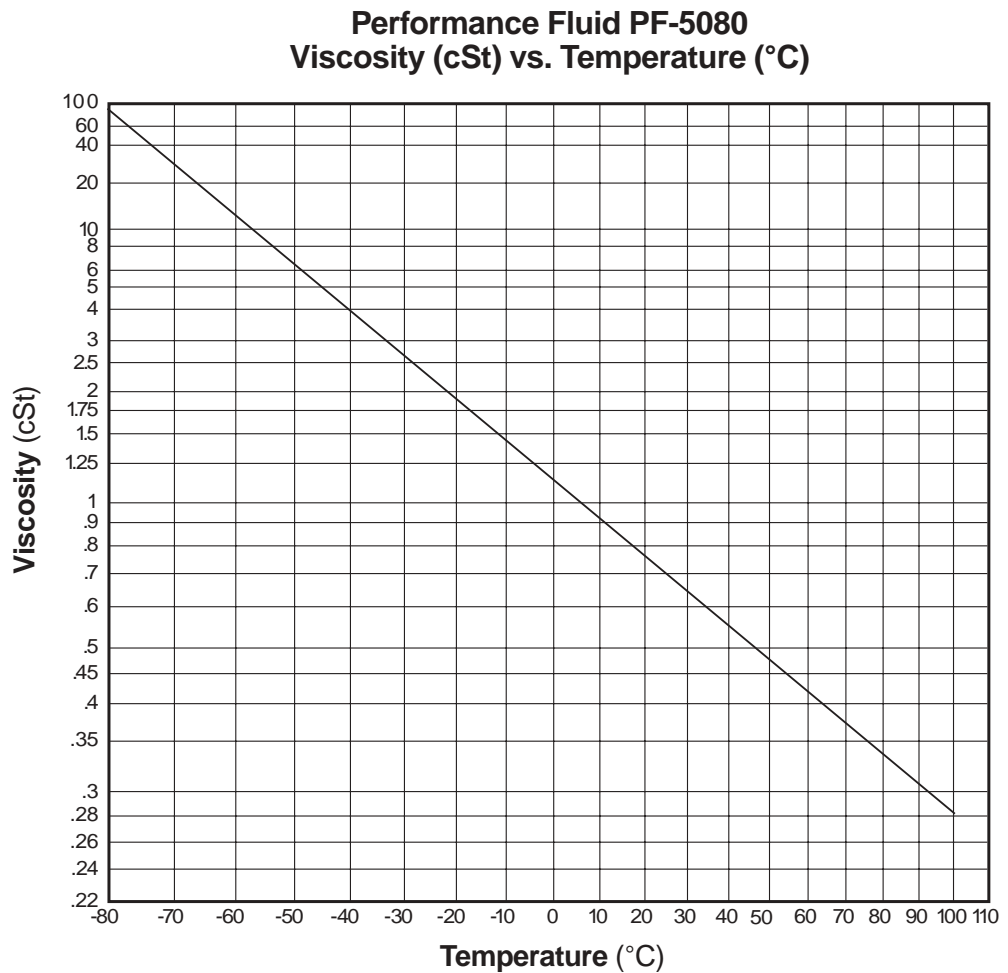
$$\text{Specific Heat (J kg}^{-1} \text{ }^{\circ}\text{C}^{-1}) = 1014 + 1.554 (T, \text{ }^{\circ}\text{C})$$

$$\text{Thermal Conductivity (W m}^{-1} \text{ }^{\circ}\text{C}^{-1}) = 0.065 - 0.00008 (T, \text{ }^{\circ}\text{C})$$

$$\text{Density (kg/m}^3\text{)} = 1838 - 2.45 (T, \text{ }^{\circ}\text{C})$$

$$\text{Log}_{10}(\text{Vapor Pressure (Pa)}) = 9.707 - (1824/(T, \text{ K}))$$

The following graph can be used to determine the viscosity of performance fluid PF-5080 over the indicated temperature range.



## 3M™ Performance Fluid PF-5080 Materials Compatibility

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3M™ Performance Fluid PF-5080 is compatible with most metals, plastics and elastomers.

## Toxicity Profile

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3M fluid PF-5080 is non-irritating to the eyes and skin, and is practically non-toxic orally. The product also demonstrates very low acute and sub-chronic inhalation toxicity. A Material Safety Data Sheet is available upon request.

## Safety and Handling

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PF-5080 fluid is nonflammable, and is highly resistant to thermal breakdown and hydrolysis in storage and during use. Additional safety and handling information is provided in the Material Safety Data Sheet which is available upon request.

## Environmental Properties

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PF-5080 fluid has zero ozone depletion potential. The material is exempt from the U.S. EPA and most state definitions of a volatile organic compound (VOC) and does not contribute to ground-level smog formation.

3M fluid PF-5080, a perfluorocarbon (PFC), has a high global warming potential and a long atmospheric lifetime. As such, it should be carefully managed so as to minimize emissions and provide the necessary economic performance.

3M recommends that users of PF-5080 fluid further limit emissions by employing good conservation practices, and by implementing recovery, recycling and/or proper disposal procedures. 3M offers a program for used fluid return in the U.S. Additional handling and use information is provided in the Material Safety Data Sheet.

## Environmental Policy

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3M will recognize and exercise its responsibility to:

- prevent pollution at the source wherever and whenever possible
- develop products that will have a minimal effect on the environment
- conserve natural resources through the use of reclamation and other appropriate methods
- assure that its facilities and products meet and sustain the regulations of all Federal, State and local environmental agencies
- assist, wherever possible, governmental agencies and other official organizations engaged in environmental activities



## 3M™ Performance Fluid PF-5080 Used Fluid Return Program

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3M offers a program for free pickup and return of used 3M Specialty Materials in the U.S. through Safety-Kleen Corporation. A pre-negotiated handling agreement between users and this service provider offers users broad protection against future liability for used 3M product. The fluid return program is covered by independent third-party financial and environmental audits of treatment, storage and disposal facilities. Necessary documentation is provided. A minimum of 30 gallons of used 3M Specialty Materials is required for participation in this free program.

Safety-Kleen Corporation has a network of 156 branch service centers in the U.S. This large fleet will provide timely, economical fluid disposal service. For additional information on the 3M Used Fluid Return Program, contact Safety-Kleen Corporation at this toll-free line: 1.888.932.2731.

## Resources

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3M™ Performance Fluid PF-5080 customers are supported by global sales, technical and customer sales resources, with fully staffed technical service laboratories in the U.S., Europe, Japan, Latin America and Southeast Asia. Users benefit from 3M's broad technology base and continuing attention to product development, performance, safety and environmental issues.

For additional information on PF-5080 fluid, contact your local 3M office.

[www.3m.com/electronics/chemicals](http://www.3m.com/electronics/chemicals)

### United States

3M Electronics Markets  
Materials Division  
800 810 8513

### Canada

3M Canada Company  
800 364 3577

### China

3M China Ltd.  
86 21 6275 3535

### Europe

3M Belgium N.V.  
32 3 250 7521

### Japan

Sumitomo 3M Limited  
813 3709 8250

### Korea

3M Korea Limited  
82 2 3771 4114

### Malaysia

3M Malaysia Sdn. Berhad  
60 3 706 2888

### Philippines

3M Philippines, Inc.  
63 2 813 3781

### Singapore

3M Singapore Pte. Ltd.  
65 454 8611

### Taiwan

3M Taiwan Limited  
886 2 2704 9011

### Other Areas

651 736 7123 (U.S.)

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