MATERIAL SAFETY DATA SHEET

Section 1.Product and Company Identification

Product Name and Code Number:	**68C（Extra-Refined Smoke Fluid）**
Chinese Name of Chemical Product:	丙二醇、丙三醇混合物
English Name of Chemical Product:	PROPYLENE GLYCOL AND GLYCERINE
Manufacturer:	Eubo Trading Co., Ltd.
Emergency Telephone No.:	**(852) 2325 3180**
	(755) 2672 6650

Section 2.Composition, Information on Ingredients

Chemical Name: PROPYLENE GLYCOL AND GLYCERINE

Deleterious Ingredient	**% by Weight**	**CAS#**
PROPYLENE GLYCOL	30%	57-55-6
GLYCERINE	70%	56-81-5

Section 3.Hazards Identification

Emergency Overview:	Slightly Combustible Liquid
Routes of Entry:	Inhalation, Skin Contact, Ingestion and Eye Contact
Health Effect:	Acute Effect
Inhalation:	No Applicable Health Effect Data on Human or Animal Till Now.
Eye Contact:	Slight Irritative in Case of Eye Contact.
Ingestion:	Not Expect to Have Chronic Effect in Case of Ingestion.
Environmental Hazard:	Affect Water Quality in Case of Leakage.
Inflammation Hazard:	Slightly Combustible Liquid, And Will Produce Combustible Steam in Case of High Temperature.

Section 4.First Aid Measures

Skin Contact: Not Expect to Have Effect to Human for Skin Contact in Case of Regular Operation.

Eye Contact: Immediately flush eyes with running water for at least 20 minutes, keeping eyelids open so as to flush clean; Get medical attention if feeling tumorous and ache.

Inhalation: Not Expect to Have Effect to Human for Skin Contact in Case of Regular Operation.

Ingestion: Not Expect to Have Effect to Human for Skin Contact in Case of Regular Operation.

Section 5.Fire Fighting Measures

Hazardous Feature: The container should be prevented from exploding in case of high pressure, and it can be cooled by pouring water.

Deleterious Products of Combustion: Carbon Monoxide, Carbon Dioxide and Combustible gas.

Fire Fighting Media and Instructions: Use dry chemical powder, carbon dioxide, alcohol foam and water fog. Do not use water jet.

Attentions: Forbid to enter into the fire location if not wearing approved protective equipment. Fire fighters should wear self-contained breathing apparatus or positive pressure breathing apparatus to avoid exposing in deleterious gas. Keep distance when fighting with fire and cool with water fog.

Section 6.Accidental Release Measures

Emergent Measure: Enclose the leaked liquid and recede with container in case of large leak. Restrict people out and in and keep away from ignition when leaking. Wear protective clothing when entering into the leaking location, stop leak and absorb the leaked liquid with absorbing sponge. Avoid cleaning with water so as to prevent enlarging the leaking area, and prevent the leaked liquid entering into the cloacae. The contaminative sponge should be put into the disposing box. All containers with leaked liquid should be labeled and make an announcement according to the relevant regulations. Attention to slip up when disposing for the wet and slide floor when leaking.

Disposition Measure: Move the ignition when disposing. Attention to the relevant explosion conditions such as temperature and oxygen. Wear applicable protective apparatus.

Section 7.Handling and Storage

Handling Wear applicable protective apparatus when handling, keep local ventilation and forbid smoking, drinking and eating in work place. Take well personal health measure when the work is over, and all pipes should meet with the ground. Avoid any substance contacting eyes, hands or body directly in working. Empty containers should be cleaned completely.

Storage: Store in well-ventilated area, and keep away from source of heat or ignition. Keep containers tightly closed to avoid polluting and away from moisture and humidity, and warning should be on the exterior of containers.

Section 8.Exposture Controls

Permitted Humidity:	N.A
Testing Measure:	Individual Purchasing Analysis
Engineering Controls	Provide local ventilation to keep the airborne temperature of deleterious vapors below their respective occupational exposure limit.
Respiratory:	Not Expect to Have Effect to Inhalation in Case of Regular Operation. No Special Regulations on Respiratory Apparatus.
Eyes:	Use Safety Glassed and Face Guard to Prevent Spill and Leak of Chemical Products.
Body:	Use Chemical Protective Apron.
Hands:	Use Chemical Protective Gloves, Such as Rubber Gloves, Synthetic Rubber Gloves and Ethylene Rubber Gloves.
Others:	Workstation should be equipped with emergent eyewash and bathing apparatus.

Section 9.Physical and Chemical Properties

Physical State and Appearance:	Transparent, colorless and slightly sticking liquid
PH Value:	
Melting Point (℃):	<-60℃
Specific Density (Water=1):	1.15
Boiling Point (℃):	190℃
Specific Density of Vapor (Air=1):	-2.6
Saturated Vapor Pressure (KPa):	
Heat of Combustion (KJ/mole):	
Critical Temperature (℃):	
Critical Pressure (MPa):	
Flash Point (℃):	180℃

Upper Limit of Explosion% (V/V) :	17.4%
Burning Point (℃) :	371℃
Lower Limit of Explosion% (V/V) :	2.4%
Solubility:	Soluble
Other Properties:	Vapor Pressure:<0.08mmwg@20℃

Section 10.Stability and Reactivity

Stability:	Stable
Incompatible Substance:	Strong Oxidizer
Conditions of Avoidance:	Keep away from heat, ignition and fire.
Hazardous Polymerization:	Will not occur.
Decomposition Products:	May produce carbon monoxide and poisonous gas in case of incomplete burning.

Section 11.Toxicological Information

Acute Toxicity:	None Identified.
Chronic Toxicity:	None Identified.
Thrill:	None Identified.
Mutagenic Effect:	None Identified.
Carcinogenic Effect:	None Identified.

Section 12.Ecological Information

Ecological Toxicity:	None Identified.
Environmental Toxicity:	It can be decomposed in a period of time and won't keep consisting in the environment. Nevertheless, It is also very important to prevent leaking.
Biologic Degradation:	
Antibiotic Degradation:	
Biologic Enrichment:	Will not produce biologic cumulation.
Other Deleterious Effect:	

Section 13.Disposal Considerations

Waste Properties:	Hazardous ☐ Industrial Solid ☐
Disposal Method:	Waste liquid can be disposed by incineration or be decomposed by biology after being diluted.
Atteotions:	Waste disposal measures must accord to the relative regulations of governmental act.

Section 14.Transport Information

Hazardous Goods Number:	**N.A**
UN Number:	**N.A**
Packing Mark:	**N.A**
Packing Group:	**N.A**
Packing Method:	**N.A**
Attentions:	