

# MATERIAL SAFETY DATA SHEET

## Flamo - METHANOL CHAFING DISH FUEL



Flamo urges the customer receiving the Material Safety Data Sheet (MSDS) to study it carefully to become aware of hazards, if any, of the product involved. In the interest of safety, you should (1) notify your employees, agents and contractors of the information on this sheet, and (2) furnish a copy to each of your customers to inform their employees as well.

### SECTION I - PRODUCT INFORMATION

PRODUCT NAME: Flamo Methanol Gel  
PRODUCT DESCRIPTION: A gel alcohol fuel for warming food in chafing dishes only. The fuel is methanol in a colloidal gel.  
SUPPLIER NAME: Gulfax Group - Dubai  
EMERGENCY TELEPHONE NO. +971 4 2427979

### SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

COMPOSITION	CAS RN.	WT / WT%	TLV (UNITS)
Methanol	67-56-1	74.8	7.2 - 7.5

### SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

APPEARANCE AND ODOR : Blue gel with alcohol odor  
SPECIFIC GRAVITY (H<sub>2</sub>O=1) AT 80°F : Not applicable  
% VOLATILE BY VOLUME : 98%  
SOLUBILITY IN WATER : soluble  
pH : 6-7

### SECTION IV - FIRE AND EXPLOSION HAZARDS

FLASH POINT : Tag Closed Cup 54°F (12.2°C)  
IGNITION TEMPERATURE : 410°F  
EXTINGUISHING MEDIA : Carbon dioxide, dry chemical, water mist or fog  
SPECIAL FIREFIGHTING PROCEDURES : Do not use high-pressure stream of water to extinguish burning material  
UNUSUAL FIRE OR EXPLOSION HAZARD : Closed can exposed to flame and hear may erupt scattering burning fragments.

### SECTION V - REACTIVITY DATA

STABILITY : Stable  
CONDITIONS AND MATERIALS TO AVOID : Heat, open flame sparks, strong oxidizers etc  
HAZARDOUS DECOMPOSITION PRODUCTS : None known  
HAZARDOUS POLYMERIZATION : Will not occur

### SECTION VI HANDLING AND STORAGE

STORAGE : Store in a cool dry place. Provide adequate ventilation in area. Store away from source of heat or open flame. Keep container closed when not in use.  
HANDLING : Avoid contact with skin and eyes. Place can in an upright position under chaffer before lighting. Keep away from combustion objects like paper plates, napkins etc. Keep away from children.

### SECTION VII- ACCIDENTAL RELEASE MEASURES

SMALL SPILLS : Remove all source of ignition. Provide adequate ventilation. Absorb using paper or other absorbent and flush spill area with water.  
INHALATION : Seek fresh air and take slow deep breaths. Drink small quantities of water. If coughing persists, contact poison center or doctor.

### SECTION VIII - HEALTH / HAZARD DATA

EYES : Can cause moderate irritation, redness, tearing  
SKIN : Prolonged or repeated contact can cause moderate irritation, defatting and dermatitis  
BREATHING : Excessive inhalation of vapors can cause nasal and respiratory irritation  
SWALLOWING : Can cause gastrointestinal irritation, nausea, vomiting and diarrhea

## ▪ SECTION IX DISPOSAL CONSIDERATIONS

The customer is responsible for proper waste disposal of empty or partially used cans. Any disposal practice must be in compliance with the local, state and federal laws and regulations. Do not dispose this product in sewers or any water body.

## ▪ SECTION X TRANSPORTATION

U.S. DOMESTIC : Consumer Commodity ORM\_D  
INTERNATIONAL : Flammable liquids, N.O.S (Contains Methanol) 3, UN1992 111, Limited Quantity.

## ▪ SECTION XI - EMERGENCY FIRST AID PROCEDURE

IF ON SKIN : Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before re-use.  
IF IN EYES : Flush with large amounts of water, lifting upper and lower lids occasionally. GET MEDICAL ATTENTION.  
IF SWALLOWED : If victim is conscious, give two glasses of water, induce vomiting immediately by sticking finger down throat. Call a physician. Never give anything by mouth to an unconscious person.  
IF INHALED : Move individual to fresh air.

## ▪ SECTION XII - OCCUPATIONAL EXPOSURE LIMITS

THRESHOLD LIMIT VALUE : Not established

## ▪ SECTION XIII - EMPLOYEE PROTECTION

RESPIRATORY PROTECTION : Not required under normal conditions of use  
VENTILATION : Not required under normal conditions of use

## ▪ SECTION XIV - ENVIRONMENTAL PROTECTION

ENVIRONMENTAL PRECAUTIONS : Keep away from fire and other ignition sources. Avoid spills and leaking of this material. Absorb spilled material using paper, floor absorbents or other absorbent material. Ventilate the area.

## ▪ SECTION XV - REGULATORY CONTROLS

DEPARTMENT OF TRANSPORTATION (DOT) :  
DOT CLASSIFICATION : ORM-D  
DOT PROPER SHIPPING NAME : Consumer Commodity ORM-D  
DOT EMERGENCY GUIDE NUMBER : Not applicable

## ▪ SECTION XVI - SARA TITLE III

Components present in this product at a level which could require reporting under the statute (Section 313) are:

Chemical	CAS#	Concentration
Methanol	67-56-1	70 - 75%

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must conduct testing and/or make independent determinations of suitability and completeness of information from all sources to assure proper use of materials and the safety and health of employees.

The Company will not be responsible for any kind of improper mishandling or improper storage of the above.