

# MATERIAL SAFETY DATA SHEET

## 1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Trade Name **AMPHONILE CF**

L/C Number: **0626A00238**

Manufacturer **Paideh Shimi Nili Co.**

No. 36, West Emdad Ave. North Sheikh Bahaie St.

Tehran - Iran

Tell: 0098 21 88610440-9

## 2 HAZARDS IDENTIFICATION

### Emergency Overview

Clear liquid,

May cause irritation to the eyes, skin, and respiratory system.

### Health Effects: Eyes

Causes moderate eye irritation.

### Health Effects: Skin

This product may cause irritation to the skin. This product is NOT considered a dermal sensitizing agent.

### Health Effects: Inhalation

Inhalation of vapors or mists of the product may be irritating to the respiratory system.

### Health Effects: Ingestion

Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

## 3 FIRST AID MEASURES

### Eyes

Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If irritation persists get medical attention.

### Skin

For skin contact flush with large amounts of water. If irritation persists, get medical attention. Immediately take off all contaminated clothing. Wash contaminated clothing before reuse.

### Inhalation

If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms persist, get medical attention. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

### **Ingestion**

If ingestion of a large amount does occur, seek medical attention. Do not induce vomiting.

## **4 FIRE FIGHTING MEASURES**

**Flash Point** (> 93.9 °C), > 201 F

### **Extinguishing Media**

Dry chemical, foam, carbon dioxide, water fog.

### **Fire Fighting Equipment / Instructions**

Firefighters should wear full fire-fighting turn-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

## **5 ACCIDENTAL RELEASE MEASURES**

### **SPILL AND LEAK PROCEDURES**

Emergency Action:

Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

Do not touch or walk through spilled material. Wear appropriate personal protective equipment during cleanup. Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Large Spills: Dike ahead of liquid spill for later disposal. Prevent entry into waterways, sewers, basements or confined areas.

Surfaces may become slippery after spillage.

## **6 HANDLING & STORAGE**

### **Handling Procedures**

Avoid contact with skin and eyes. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

### **Storage Procedures**

Storage Temperature: 10 C - 50 C

Avoid freezing or excessive heat. Keep the container tightly closed and in a cool, well-ventilated place.

## 7 PHYSICAL & CHEMICAL PROPERTIES

<b>Flash Point</b>	(>93,9 °C), > 201 F
<b>Boiling Point</b>	(100 °C), 212 F
<b>Specific Gravity</b>	(1.699 lb/gal), 1.0456 g/ml
<b>Percent Volatile</b>	63 – 67 %
<b>Vapor Pressure</b>	
<b>Vapor Density</b>	Not Determined or Unknown Estimated heavier than air
<b>Viscosity</b>	13cps@25 C
<b>Evaporation Rate</b>	Estimated slower than ethyl ether
<b>RVOC</b>	
<b>Pour Point</b>	%.0
<b>PH Value</b>	-7 C 5 – 7 @ 10% AQUEOUS
<b>Freezing Point</b>	(14 °F), -10 C
<b>Appearance and Odor</b>	Clear liquid

## 8 Toxicity

AMPHONILE CF is practically non-toxic orally(LD50=5g/kg) and causes minimal eye and mild skin irritation at 10% active.

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