

# MATERIAL SAFETY DATA SHEET



Date Issued: 09/22/2010  
MSDS No: PTFE-DISP

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT CODE:** PTFE DISPERSION

### MANUFACTURER

Caswell Inc  
7696 Route 31  
Lyons, NY 14489

**Emergency Contact:** Caswell Inc  
**Product Stewardship:** 315 946 1213  
**Transportation:** 800 424 9300  
**Service Number:** 315 946 1213

Caswell Inc  
7696 Route 31  
Lyons, NY 14489  
USA

**Emergency Contact:** Caswell Inc  
**Emergency Phone:** +1 315 946 1213  
**Service Number:** +1 315 946 1213  
**Transportation Number:** +1 703 527 3887

### 24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (US TRANSPORTATION) - 1 800 424 9300  
CHEMTREC (INTERNATIONAL - CALL COLLECT) - 1 703 527 3887

## 2. HAZARDS IDENTIFICATION

### GHS CLASSIFICATIONS

#### Health

Acute Toxicity (Oral), Category 5

### GHS LABEL

WARNING	
03663CC3: May be harmful if swallowed	

### PRECAUTIONARY STATEMENT(S)

#### Prevention:

P103: Read label before use.  
P281: Use personal protective equipment as required.

#### Response:

P302+P352: IF ON SKIN: Wash with plenty of soap and water.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

### POTENTIAL HEALTH EFFECTS

**EYES:** Substance causes slight eye irritation.

**SKIN:** May cause slight irritation.

**INGESTION:** May cause gastric disturbances, diarrhea and nausea.

**INHALATION:** Irritating to the nose, throat and respiratory tract.

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS	EINECS
2-propanol	< 1	67-63-0	200-661-0
Polytetrafluoroethylene	< 55	9002-84-0	

## 4. FIRST AID MEASURES

**EYES:** Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes.

**SKIN:** Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

**INGESTION:** Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

## 5. FIRE FIGHTING MEASURES

**FLAMMABLE LIMITS:** Not flammable

**FIRE FIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

**HAZARDOUS DECOMPOSITION PRODUCTS:** May release toxic and corrosive hydrogen fluoride gas.

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Clean up spills immediately, observing precautions in Protective Equipment section.

## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Avoid contact with eyes, skin, and clothing.

**HANDLING:** Follow all MSDS/label precautions even after container is emptied because they may retain product residues.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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## EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		SupplierOEL	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
2-propanol	TWA	400 ppm	980 mg/m <sup>3</sup>	400 ppm	983 mg/m <sup>3</sup>	NL [1]	NL [1]
	STEL	500 ppm	1225 mg/m <sup>3</sup>	500 ppm	1230 mg/m <sup>3</sup>	NL	NL
Polytetrafluoroethylene	TWA		10 mg/m <sup>3</sup>				

**Footnotes:**  
1. NL = Not Listed

## PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear safety glasses with side shields (or goggles) and a face shield.

**SKIN:** Wear gloves.

**RESPIRATORY:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**PROTECTIVE CLOTHING:** Wear suitable protective clothing at all times.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Alcohol

**APPEARANCE:** White, opaque liquid suspension

**pH:** 2.5 to 4.5

**BOILING POINT:** > (212°F)

**SOLUBILITY IN WATER:** Complete

**DENSITY:** 12.18

**SPECIFIC GRAVITY:** 1.440 to 1.48

## 10. STABILITY AND REACTIVITY

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** No

**CONDITIONS TO AVOID:** Excess heat

**INCOMPATIBLE MATERIALS:** Strong oxidizers. Strong Acids.

## 11. TOXICOLOGICAL INFORMATION

## 12. ECOLOGICAL INFORMATION

## 13. DISPOSAL CONSIDERATIONS

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**DISPOSAL METHOD:** Comply with all local, state and federal laws.

## 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Not restricted by DOT

## 15. REGULATORY INFORMATION

**UNITED STATES**

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
2-propanol	67-63-0

**TSCA STATUS:** All ingredients in this mixture are in compliance with TSCA.

## 16. OTHER INFORMATION

**APPROVED BY:** L CASWELL

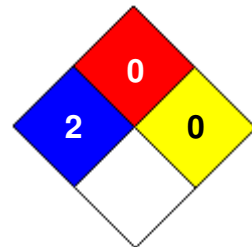
**PREPARED BY:** L CASWELL

**REVISION SUMMARY:** New MSDS

### HMIS RATING

<b>HEALTH:</b>	<input type="checkbox"/>	<b>2</b>
<b>FLAMMABILITY:</b>	<input type="checkbox"/>	<b>0</b>
<b>PHYSICAL HAZARD:</b>	<input type="checkbox"/>	<b>0</b>
<b>PERSONAL PROTECTION:</b>	<input type="checkbox"/>	<b>C</b>

### NFPA CODES



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