



## UltraSeal® PF-10 FOAM CLEANER

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	UltraSeal® PF-10 FOAM CLEANER
<b>Other Means of Identification</b>	Cleaning Solvent
<b>Recommended Use</b>	Cleaning solvent for dispensing guns.
<b>Restrictions on Use</b>	None known.
<b>Manufacturer</b>	NUCO Inc., 150 Curtis Dr., Guelph, Ontario, N1K 1N5, Canada, (519) 823-4994, www.sealantcentre.com
<b>Emergency Phone No.</b>	ChemTel Chemical Expert Assistance Hotline, 1-800-255-3924

### SECTION 2. HAZARD IDENTIFICATION

#### Classification

Flammable aerosol - Category 1; Gas under pressure - Compressed gas; Eye irritation - Category 2; Respiratory sensitization - Category 1; Specific target organ toxicity (single exposure) - Category 3

#### Label Elements



Signal Word:

Danger

#### Hazard Statement(s):

Extremely flammable aerosol.  
Contains gas under pressure; may explode if heated.  
Causes serious eye irritation.  
May cause drowsiness or dizziness.

#### Precautionary Statement(s):

##### Prevention:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Do not spray on an open flame or other ignition source.  
Do not pierce or burn, even after use.  
Avoid breathing dust/fume/gas/mist/vapours/spray.  
Wash hands and skin thoroughly after handling.  
Use only outdoors or in a well-ventilated area.

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Wear eye protection/face protection.

**Response:**

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Call a POISON CENTRE or doctor if you feel unwell.

If eye irritation persists: Get medical advice/attention.

**Storage:**

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C (122 °F).

**Disposal:**

Dispose of contents and container in accordance with local, regional, national and international regulations.

**Other Hazards**

None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Acetone	67-64-1	90.0-100.0		
Carbon dioxide gas	124-38-9	0.0-10.0		

### SECTION 4. FIRST-AID MEASURES

**First-aid Measures**

**Inhalation**

Remove source of exposure or move to fresh air. Keep at rest in a position comfortable for breathing. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by Poison Centre or doctor.

**Skin Contact**

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. Get medical advice or attention if you feel unwell or are concerned.

**Eye Contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice or attention.

**Ingestion**

Rinse mouth with water. Do not induce vomiting. Get medical advice or attention if you feel unwell or are concerned.

**First-aid Comments**

Get medical advice or attention if you feel unwell or are concerned.

**Most Important Symptoms and Effects, Acute and Delayed**

If inhaled: at high concentrations can harm the nervous system. Symptoms may include headache, nausea, dizziness, drowsiness and confusion.

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If on skin: may cause moderate to severe irritation. Repeated or prolonged exposure can irritate the skin.

If swallowed: at high concentrations can harm the nervous system. Symptoms may include headache, nausea, dizziness, drowsiness and confusion.

If in eyes: causes moderate to severe irritation. Symptoms include sore, red eyes, and tearing.

#### **Immediate Medical Attention and Special Treatment**

##### **Target Organs**

Eyes, skin, nervous system.

##### **Special Instructions**

Not applicable.

##### **Medical Conditions Aggravated by Exposure**

None known.

## **SECTION 5. FIRE-FIGHTING MEASURES**

### **Extinguishing Media**

#### **Suitable Extinguishing Media**

Carbon dioxide, dry chemical powder or appropriate foam. Use water to keep non-leaking, fire-exposed containers cool.

#### **Unsuitable Extinguishing Media**

Water is not effective for extinguishing a fire. It may not cool product below its flash point.

### **Specific Hazards Arising from the Product**

Extremely flammable liquid and vapour. Can ignite at room temperature. Releases vapour that can form explosive mixture with air. Contains gas under pressure; may explode if heated. Closed containers may rupture violently when heated releasing contents.

Very toxic carbon monoxide, carbon dioxide.

### **Special Protective Equipment and Precautions for Fire-fighters**

Use extreme caution.

Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment, and Emergency Procedures**

Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Use the personal protective equipment recommended in Section 8 of this safety data sheet. Eliminate all ignition sources. Use grounded, explosion-proof equipment.

### **Environmental Precautions**

Do not allow into any sewer, on the ground or into any waterway. If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas. Minimize the use of water to prevent environmental contamination.

### **Methods and Materials for Containment and Cleaning Up**

Review Section 7 (Handling) of this safety data sheet before proceeding with clean-up. Do not use absorbents. Contain spill using noncombustible material such as vermiculite, earth or sand. Contaminated absorbent poses the same hazard as the spilled product.

### **Other Information**

Contact supplier, local fire and emergency services for help. Report spills to local health, safety and environmental authorities, as required.

## **SECTION 7. HANDLING AND STORAGE**

### **Precautions for Safe Handling**

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Do not breathe in this product. Prevent skin contact. Do not get in eyes, on skin or on clothing. Do not swallow. Only use where there is adequate ventilation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. Do NOT eat, drink or store food in work areas.

### Conditions for Safe Storage

Store in an area that is: cool, dry, temperature-controlled, well-ventilated, out of direct sunlight and away from heat and ignition sources.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Acetone	500 ppm	750 ppm	1000 ppm	2400 ppm		
Carbon dioxide gas	5000 ppm	30000 ppm	5000 ppm	Not established		

ACGIH® = American Conference of Governmental Industrial Hygienists.

OSHA = US Occupational Safety and Health Administration.

TLV® = Threshold Limit Value.

TWA = Time-Weighted Average.

STEL = Short-term Exposure Limit.

C = Ceiling limit.

### Appropriate Engineering Controls

Use local exhaust ventilation, if general ventilation is not adequate to control amount in the air.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles.

#### Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

Suitable materials are: neoprene rubber, nitrile rubber, Silver Shield®.

The following materials should NOT be used: butyl rubber, natural rubber, polyethylene, polyvinyl chloride.

#### Respiratory Protection

For non-routine or emergency situations: wear a NIOSH approved particulate respirator equipped with an N95, R95, or P95 filter, wear a NIOSH approved air-purifying respirator with an organic vapour cartridge.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

<b>Appearance</b>	Clear colourless liquid. Particle Size: Not available
<b>Odour</b>	Ethereal
<b>pH</b>	7
<b>Melting Point/Freezing Point</b>	Not available (melting); Not available (freezing)
<b>Boiling Range</b>	56.1 °C
<b>Flash Point</b>	-18.0 °C (closed cup)
<b>Evaporation Rate</b>	5.6 (n-butyl acetate = 1)
<b>Flammability (solid, gas)</b>	Extremely flammable gas.
<b>Upper/Lower Flammability or Explosive Limit</b>	12.8% (upper); 2.5% (lower)
<b>Vapour Pressure</b>	31 kPa at 25 °C (77 °F)
<b>Vapour Density (air = 1)</b>	2
<b>Relative Density (water = 1)</b>	0.81 at 25 °C (77 °F)

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<b>Solubility</b>	Soluble in water; Highly soluble in common organic solvents.
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	-0.24 at 25 °C (77 °F)
<b>Auto-ignition Temperature</b>	540 °C
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic); Not available (dynamic)
<b>Other Information</b>	
<b>Physical State</b>	Liquid
<b>Volatile Organic Content</b>	0 g/L (acetone and carbon dioxide are VOC exempt compounds)

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

### Conditions to Avoid

Open flames, sparks, static discharge, heat and other ignition sources. Prolonged exposure to high temperatures. Incompatible materials.

### Incompatible Materials

Reacts violently with: strong oxidizing agents (e.g. perchloric acid), strong acids (e.g. hydrochloric acid), strong bases (e.g. sodium hydroxide), halogenated compounds (e.g. trichloroethylene), reducing agents (e.g. hydroquinone). Not corrosive to metals.

### Hazardous Decomposition Products

Very toxic carbon monoxide, carbon dioxide.

## SECTION 11. TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

### Likely Routes of Exposure

Inhalation.

Skin contact.

Skin absorption.

Eye contact.

Ingestion.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Acetone	55700 ppm (rat)	5800 mg/kg (rat)	7426 mg/kg (rabbit)

### Skin Corrosion/Irritation

Human experience shows moderate or severe irritation.

### Serious Eye Damage/Irritation

Human experience and animal tests show serious eye irritation.

### STOT (Specific Target Organ Toxicity) - Single Exposure

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**Inhalation**

No information was located.

**Skin Absorption**

No information was located.

**Ingestion**

May be harmful based on animal tests.

**Aspiration Hazard**

No information was located.

**STOT (Specific Target Organ Toxicity) - Repeated Exposure**

May cause effects on the central nervous system.

**Respiratory and/or Skin Sensitization**

No information was located.

**Carcinogenicity**

Chemical Name	IARC	ACGIH®	NTP	OSHA
Acetone	Not Listed	A4	Not Listed	Not Listed
Carbon dioxide gas	Not Listed	Not designated	Not Listed	Not Listed

ACGIH®:

A4 – Not classifiable as a human carcinogen.

**Reproductive Toxicity****Development of Offspring**

No information was located.

**Sexual Function and Fertility**

No information was located.

**Effects on or via Lactation**

No information was located.

**Germ Cell Mutagenicity**

No information was located.

**Interactive Effects**

No information was located.

## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity****Acute Aquatic Toxicity**

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Acetone	5540 mg/L (Oncorhynchus mykiss (rainbow trout); 96-hour)	6100 mg/L (Daphnia magna (water flea); 48-hour)	> 100 mg/L (Selenastrum capricornutum (algae); 96-hour)	

**Persistence and Degradability**

Does not degrade rapidly based on quantitative tests.

**Bioaccumulative Potential**

This product and its degradation products are not known to bioaccumulate.

**Mobility in Soil**

Material volatilizes and evaporates when released to soil.

**Other Adverse Effects**

There is no information available.

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations. The required hazard evaluation of the waste and compliance with the applicable hazardous waste laws are the responsibility of the user. This product and its container must be disposed of as hazardous waste. Do NOT dump into any sewers, on the ground or into any body of water.

The preferred waste management options are:

Treat waste in an approved waste disposal facility. Dispose of or recycle empty containers through an approved waste management facility.

## SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	1950	AEROSOLS (Flammable Gas Label)	Flammable 2.1	
IATA (Air)	1950	AEROSOLS (Flammable Gas Label)	Flammable 2.1	
IMO (Marine)	1950	AEROSOLS (Flammable Gas Label)	Flammable 2.1	
US DOT	1950	AEROSOLS (Flammable Gas Label)	Flammable 2.1	II

**Special Precautions** Not applicable

### Transport in Bulk according to International Maritime Organization Instruments

Not applicable

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

None known.

#### Canada

##### Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

#### USA

##### Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

##### Additional USA Regulatory Lists

California Proposition 65:

Not applicable.

CERCLA:

Acetone (CAS# 67-64-1): RQ- 2,268 kg

Clean Air Act (CAA):

This product does not contain any substances listed as Hazardous Air Pollutants (HAPs) designated in CAA Section 112(b).

This product does not contain any Class 1 and Class 2 Ozone depletors.

Clean Water Act:

Acetone (CAS# 67-64-1) is listed as a Hazardous Substance under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

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Massachusetts, New Jersey, and Pennsylvania Right To Know. (Acetone). (Carbon dioxide gas)

SARA Title III - Section 302:  
Not applicable.

SARA Title III - Section 311/312:  
Acute Health Hazard  
Fire Hazard  
Sudden Release of Pressure Hazard.

SARA Title III - Section 313:  
Not applicable.

## SECTION 16. OTHER INFORMATION

<b>NFPA Rating</b>	<b>Health - 1</b>	<b>Flammability - 3</b>	<b>Instability - 0</b>
<b>SDS Prepared By</b>	Technical Services Department		
<b>Phone No.</b>	519-823-4994		
<b>Date of Preparation</b>	January 17, 2018		
<b>Date of Last Revision</b>	February 05, 2021		
<b>Revision Indicators</b>	Revision 3		
<b>References</b>	CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS). HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS).		
<b>Disclaimer</b>	The information herein is given in good faith, but no warranty, express or implied, is made. Product users should make independent judgements of the suitability of this information to ensure proper use and to protect the health and safety of employees.		

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