

## MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:
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Trade Name: ProFoam Platinum  
Chemical Name: Surfactant blends

Owner: NPD Products Ltd.  
NoHowe Product Development  
2325 Old Second South  
Midhurst Ontario L0L 1X1  
Phone 705-734-0932

Telephone Numbers: 24 hour emergency assistance  
Medical: 800-228-5635  
Chemtrac: 800-424-9300  
Chemtrac International: 703-527-3887

2. COMPOSITION / HAZARDOUS INGREDIENTS
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<u>Ingredient Name</u>	<u>CAS No.</u>	<u>Percent %</u>
Surfactant Blend	Confidential	60%

Comments: Ingredients not identified are proprietary or non-hazardous.

3. HAZARDS IDENTIFICATION
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**Emergency Overview**

Warning! Irritant. May cause irritation to the eyes and skin.

**Health Effects: Eyes**

Contact with the eyes may cause mild to moderate eye irritation.

**Health Effects: Skin**

Cause moderate skin irritation.

**Health Effects: Inhalation**

Not expected under normal conditions.

**Health Effects: Ingestion**

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

#### 4. FIRST AID MEASURES

**Eyes**

Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Seek medical attention if irritation persists.

**Skin**

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

**Inhalation**

Not expected to cause inhalation issues.

**Ingestion**

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

#### 5. FIRE FIGHTING MEASURES

**Fire and Explosion Hazards**

Flash point: not determined

Flammable Limits: LEL: not determined

UEL: not determined

**Extinguishing Media**

Dry chemical, foam, 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.

#### 6. ACCIDENT RELEASE MEASURES

**Spill and Leak Procedures:**

Stop leak and contain spill. Apply suitable absorbent (like cat litter) and sweep up spilled material. Transfer into waste container for appropriate disposal. Continue to dilute the effected area with water until foam has disappeared. Remove any contaminated soil for proper disposal if so advised.

**Waste Disposal:**

Dispose of empty container in household garbage. Dispose of waste product in accordance with local, Provincial or Federal government regulations.

**Environmental Effects:**

None expected from product alone. Do not contaminate local water supplies or environment with rinsings or mixtures. This material on it's own will reduce the surface tension of the water and may have an adverse effect on aquatic life if not suitably diluted.

7. HANDLING & STORAGE
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**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**

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION
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**Engineering Controls**

Ventilation should effectively remove and prevent buildup of any vapours generated from the handling of this product. Local exhaust is suggested for use, where possible, in enclosed or confined spaces.

**Personal Protective Equipment: Eyes / Face**

Wear splash goggles.

**Personal Protective Equipment: Respiratory**

If exposure limits are exceeded or if irritation is experienced, NIOSH approved respiratory protection should be worn.

**Personal Protective Equipment: General**

Eye wash fountain and emergency showers are recommended.

9. PHYSICAL & CHEMICAL PROPERTIES
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<b>Specific Gravity:</b>	1.07 g/mL
<b>Water Solubility:</b>	620 g/L
<b>Vapour Pressure:</b>	approximately 3.2 kPa (@25°C)
<b>Viscosity:</b>	1172 cp (@25°C)
<b>pH Value:</b>	8.3 (@25°C)
<b>Dissociation Constant (pKa):</b>	5.6 ± 0.5

**Appearance and Odor**

Amber, viscous liquid having a distinct odour.

## 10. STABILITY & REACTIVITY

### **Chemical Stability**

Stable under normal conditions.

### **Conditions to Avoid**

Strong oxidizing.

### **Incompatibility**

This product may react with strong oxidizing agents.

### **Hazardous Polymerization**

Will not occur.

## 11. TOXICOLOGICAL INFORMATION

None of the components present in this material at concentrations greater than 0.1% are listed by IARC, NTP or OSHA as being carcinogens.

### **Toxicological – Inhalation**

Inhalation toxicity data are not available for this product.

### **Inhalation Chronic Exposure**

Chronic inhalation exposure effects for this product are not known.

### **Toxicological – Dermal**

The acute dermal LD50 is > 2000 mg/kg in rabbit. It produced moderate irritation to rabbit skin.

### **Skin Contact – Chronic**

Chronic dermal exposure effects for this product are not known.

### **Toxicological – Eye**

This product is a mild irritant to rabbit eyes.

### **Toxicological – Ingestion**

The oral LD50 for this material is > 2000 mg/kg in rats.

### **Neurotoxicity**

The neurotoxic effects of this product are not known.

### **Other Toxicological Effects**

No other toxic effects for this product are known.

## 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

No data available.

### **Environmental Fate**

As a concentrated surfactant this product will have an adverse effect on aquatic environments at high levels. Under normal conditions it is not expected to have any effect on aquatic or terrestrial environments.

## 13. DISPOSAL CONSIDERATIONS

### **Disposal Instructions**

Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State / Provincial and Local regulations. Regulations may vary in different locations. Characterization and compliance with applicable laws are the responsibility solely of the generator.

## 14. TRANSPORTATION INFORMATION

Not regulated.

## 15. REGULATORY INFORMATION

### **United States**

Sara Title III (Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories:

**Fire:** No      **Pressure Generating:** No      **Reactivity:** No      **Acute:** No

302/304 Emergency Plan: There are no Sara Title III Section 302 extremely hazardous substances present in this formulation.

TSCA (Toxic Substance Control Act)

TSCA Status: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

### **State Regulations:**

This product currently does not contain any components that are regulated under California Proposition 65.

16. OTHER INFORMATION
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<b>HAZARD RATING</b>	<b>HMIS</b>	<b>NFPA</b>
Health	1	1
Flammability	1	1
Reactivity	0	0

Completed on	05/14/08
Completed by	Product Safety & Compliance