

**1. Identification Of The Substance / Mixture And Of The Company / Undertaking**

**1.1. Product Identifier**

Product Identity **NETWORK PRO ONE 1200**  
Sheetfed Fountain Solution  
Alternate Names Product Number: 805872, 804182, 804183, 804184, 804185, 23170

**1.2. Relevant Identified Uses Of The Substance Or Mixture And Uses Advised Against**

Intended Use See Technical Data Sheet  
Application Method See Technical Data Sheet

**1.3. Details Of The Supplier Of The Safety Data Sheet**

Distributor **#1 NETWORK, INC.** 307 Professional Park Ave. Effingham, IL 62401  
CHEMTREC (USA) 800-424-9300  
Customer Service 217-536-5737

**2. Hazard Identification Of The Product**

**2.1. Classification Of The Substance Or Mixture**

Skin Irrit. 3; H316 Causes mild skin irritation

**2.2. Label Elements**

Using the Toxicity Data listed in Sections 11 and 12, the product is labeled as follows:

Signal Word: **WARNING!**

H316 Causes mild skin irritation

**[ Prevention ]**

No GHS prevention statements.

**[ Response ]**

P332 + P313 If skin irritation occurs: Get immediate medical attention.

**[ Storage ]**

No GHS storage statements.

**[ Disposal ]**

No GHS disposal statements.

**3. Composition / Information On Ingredients**

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

<b>Ingredient / Chemical Designations</b>	<b>Weight%</b>	<b>GHS Classification</b>	<b>Notes</b>
Propylene Glycol (CAS No: 57-55-6)	1 - 10	Not Classified	[ 1 ]
Ethylene Glycol Monobutyl Ether (CAS No: 111-76-2)	1 - 5	Acute Tox. 4; H332, H312, H302 Eye Irrit. 2; H319 Skin Irrit. 2; H315	[ 1 ] [ 2 ]
Butyl Diglycol (CAS No: 112-34-5)	1 - 5	Eye Irrit. 2; H319	[ 1 ]
Gum Arabic (CAS No: 9000-01-5)	1 - 5	Not Classified	[ 1 ]
Magnesium (II) Nitrate (1:2), Hexahydrate (CAS No: 13446-18-9)	1 - 5	Not Classified	[ 1 ]
Anionic Surfactants (CAS No: Proprietary)	1 - 5	Not Classified	[ 1 ]
Polysaccharides (CAS No: Proprietary)	1 - 5	Not Classified	[ 1 ]

[ 1 ] Substance classified with a health or environmental hazard [ 2 ] Substance with a workplace exposure limit [ 3 ] PBT-Substance or vPvB-Substance  
\* The full texts of the phrases are shown in Section 16

#### 4. First Aid Measures

##### 4.1. Description Of First Aid Measures

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth. If breathing is difficult, give oxygen. Get medical attention immediately.
<b>Eyes</b>	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart. Seek medical attention.
<b>Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser. Wash skin with plenty of water. Wash contaminated clothing before reuse. Get medical attention if irritation or allergic reaction develops.
<b>Ingestion</b>	Contact a physician, medical facility, or poison control center. Induce vomiting. Seek medical attention.

##### 4.2. Most Important Symptoms And Effects, Both Acute And Delayed

<b>Overview</b>	<b>Eye Contact:</b> May cause irritation with redness, tearing, or stinging. <b>Inhalation:</b> Can cause mild irritation. <b>Ingestion:</b> May cause irritation to mucus membrane with nausea, vomiting, and diarrhea. <b>Skin Contact:</b> May cause irritation or reddening. <b>Signs and Symptoms of Exposure:</b> Overexposure by skin or eye contact may include skin irritation with discomfort or rash, or eye irritation with discomfort, tearing, or blurring of vision. By inhalation, effects may include irritation of the upper respiratory passages with coughing and discomfort. By ingestion, effects may include gastritis. <b>Aggravated Medical Conditions:</b> Asthmatics or individuals with lung conditions. Preexisting conditions of the kidney or liver.
<b>Skin</b>	Causes mild skin irritation.

#### 5. Fire-Fighting Measures

##### 5.1. Extinguishing Media

As appropriate for surrounding fire.

##### 5.2. Special Hazards Arising From The Substance Or Mixture

Hazardous decomposition: Oxides of Carbon.

##### 5.3. Advice For Firefighters

Special Fire-Fighting Procedures Firefighters should use self-contained breathing apparatus and full protective clothing. Unusual Fire And Explosion Hazards: High temperatures may cause the container to explode. Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from fire fighting to enter drains or water ways.

**ERG Guide No.**

#### 6. Accidental Release Measures

##### 6.1. Personal Precautions, Protective Equipment, And Emergency Procedures

Put on appropriate personal protective equipment (See Section 8).

##### 6.2. Environmental Precautions

Do not allow spills to enter drains or waterways. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

##### 6.3. Methods And Material For Containment And Cleaning Up

Review fire and explosion hazards and safety precautions before proceeding with cleanup. Use appropriate personal protective equipment. Avoid contact with skin and eyes. Stop the spillage. Dike the spill. Prevent liquid from entering sewers, waterways or low areas. Absorb spillage in inert material. Soak up with sawdust, sand, or other absorbent material. Remove non-usable solid material and/or contaminated soil for disposal in an approved and permitted landfill. Discharge to sewer requires approval of permitting authority and may require pretreatment.

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## 7. Handling And Storage

### 7.1. Precautions For Safe Handling

Do not reuse containers. Do not freeze. See section 2 for further details [Prevention].

### 7.2. Conditions For Safe Storage, Including Any Incompatibilities

Handle containers carefully to prevent damage and spillage. Incompatible materials: Caustics. Acids. Oxidizers. Store in a cool, dry, well-ventilated area. Keep containers closed. Do not store with incompatible materials. Do not store or consume food, drink, or tobacco where they may become contaminated with this material. All labeled precautions must be observed when handling, storing and transporting empty containers due to product residues. Triple rinse before disposal. See section 2 for further details. - [Storage]

### 7.3. Specific End Use(s)

No data available.

## 8. Exposure Controls And Personal Protection

### 8.1. Control Parameters

CAS No.	Ingredient	EXPOSURE	
		Source	Value
57-55-6	Propylene Glycol	OSHA ACGIH NIOSH Supplier	No Established Limit No Established Limit No Established Limit TWA: 10 mg/m3 (listed as AIHA WEEL)
111-76-2	Ethylene Glycol Monobutyl Ether	OSHA ACGIH NIOSH Supplier	TWA: 50 ppm (240 mg/m3) [skin] TWA: 20 ppm - Revised 2003 TWA: 5 ppm (24 mg/m3) [skin] No Established Limit
112-34-5	Butyl Diglycol	OSHA ACGIH NIOSH Supplier	No Established Limit No Established Limit No Established Limit No Established Limit
9000-01-5	Gum Arabic	OSHA ACGIH NIOSH Supplier	No Established Limit No Established Limit No Established Limit No Established Limit
13446-18-9	Magnesium (II) Nitrate (1:2), Hexahydrate	OSHA ACGIH NIOSH Supplier	No Established Limit No Established Limit No Established Limit No Established Limit
Proprietary	Anionic Surfactants	OSHA ACGIH NIOSH Supplier	No Established Limit No Established Limit No Established Limit No Established Limit
Proprietary	Polysaccharides	OSHA ACGIH NIOSH Supplier	No Established Limit No Established Limit No Established Limit No Established Limit

CAS No.	Ingredient	CARCINOGEN DATA	
		Source	Value
57-55-6	Propylene Glycol	OSHA NTP IARC	Select Carcinogen: No Known: No; Suspected: No Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
111-76-2	Ethylene Glycol Monobutyl Ether	OSHA NTP IARC	Select Carcinogen: No Known: No; Suspected: No Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
112-34-5	Butyl Diglycol	OSHA NTP IARC	Select Carcinogen: No Known: No; Suspected: No Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
9000-01-5	Gum Arabic	OSHA NTP IARC	Select Carcinogen: No Known: No; Suspected: No Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
13446-18-9	Magnesium (II) Nitrate (1:2), Hexahydrate	OSHA NTP IARC	Select Carcinogen: No Known: No; Suspected: No Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
Proprietary	Anionic Surfactants	OSHA NTP IARC	Select Carcinogen: No Known: No; Suspected: No Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
Proprietary	Polysaccharides	OSHA NTP IARC	Select Carcinogen: No Known: No; Suspected: No Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

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## 8. Exposure Controls And Personal Protection, cont.'

### 8.2. Description Of First Aid Measures

<b>Respiratory</b>	If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.
<b>Eyes</b>	Safety glasses with side shields (or goggles).
<b>Skin</b>	Wear appropriate equipment to prevent probability of exposure and personal contact. Latex, rubber, or neoprene waterproof gloves are recommended.
<b>Engineering Controls</b>	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
<b>Other Work Practices</b>	Safety showers and eye wash stations should be provided in areas where this product is used. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse. See Section 2 for further details [Prevention]

## 9. Physical And Chemical Properties

<b>Appearance</b>	Clear, emerald green liquid	<b>Melting Point / Freezing Point</b>	Not Measured
<b>Odor</b>	Slight Butyl	<b>Initial Boiling Point / Boiling Range</b>	Not Measured
<b>Odor Threshold</b>	Not Measured	<b>Evaporation Rate (Ether = 1)</b>	Not Measured
<b>Flashpoint</b>	Non-flammable	<b>Upper / Lower Flammability or Explosive Limits</b>	Lower: Not Measured Upper: Not Measured
<b>pH</b>	3.50	<b>Partition Coefficient n-octanol/water (Log Kow)</b>	Not Measured
<b>Flammability (Solid, Gas)</b>	Not Applicable	<b>Solubility In Water</b>	Complete
<b>Vapor Pressure (PA)</b>	0.6 mm Hg @ 20°C	<b>Auto-Ignition Temperature</b>	Not Measured
<b>Vapor Density</b>	Not Measured	<b>Decomposition Temperature</b>	Not Measured
<b>Specific Gravity</b>	1.11	<b>Viscosity (cSt)</b>	Not Measured
<b>Density</b>	9.20 lbs per gallon	<b>Photochemically Reactive</b>	No
<b>% Volatile</b>	77.2	<b>Maximum Grams of V.O.C. per Liter</b>	87.5
<b>V.O.C.</b>	87.5 gm/L, 8%, 0.73 lb/gal		

### 9.2. Other Information

No other relevant information.

## 10. Stability And Reactivity

- 10.1. Reactivity:** Hazardous Polymerization will not occur.  
**10.2. Chemical Stability:** Stable under normal circumstances.  
**10.3. Possibility Of Hazardous Reactions:** No data available.  
**10.4. Conditions To Avoid:** Do not mix with alkalis.  
**10.5. Incompatible Materials:** Caustics. Acids. Oxidizers.  
**10.6. Hazardous Decomposition Products:** Oxides of Carbon.

## 11. Toxicological Information

### Acute Toxicity

<b>Ingredient</b>	<b>Oral LD50 (mg/kg)</b>	<b>Skin LD50 (mg/kg)</b>	<b>Inhalation Vapor LD50 (mg/L/4hr)</b>	<b>Inhalation Dust/Mist LD50 (mg/L/4hr)</b>	<b>Inhalation Gas LD50 (ppm)</b>
Propylene Glycol 57-55-6	20,000.00 Rat Category: NA	20,800.00 Rabbit Category: NA	105.00 Rat Category: NA	No Data Available	No Data Available
Ethylene Glycol Monobutyl Ether 111-76-2	1,414.00 Guinea Pig Category: 4	1,200.00 Guinea Pig Category: 4	173.00 Guinea Pig Category: NA	No Data Available	No Data Available
Butyl Diglycol 112-34-5	5,660.00 Rat Category: NA	2,700.00 Rabbit Category: 5	No Data Available	No Data Available	No Data Available
Gum Arabic 9000-01-5	No Data Available	No Data Available	No Data Available	No Data Available	No Data Available
Magnesium (II) Nitrate (1:2), Hexahydrate 13446-18-9	No Data Available	No Data Available	No Data Available	No Data Available	No Data Available
Anionic Surfactants Proprietary	No Data Available	No Data Available	No Data Available	No Data Available	No Data Available
Polysaccharides Proprietary	No Data Available	No Data Available	No Data Available	No Data Available	No Data Available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

### 11. Toxicological Information cont.'

Classification	Category	Hazard Description
Acute Toxicity (oral)	---	Not Applicable
Acute Toxicity (dermal)	---	Not Applicable
Acute Toxicity (inhalation)	---	Not Applicable
Skin Corrosion / Irritation	3	Causes mild skin irritation
Serious Eye Damage / Irritation	---	Not Applicable
Respiratory Sensitization	---	Not Applicable
Skin Sensitization	---	Not Applicable
Germ Cell Mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive Toxicity	---	Not Applicable
STOT - Single Exposure	---	Not Applicable
STOT - Repeated Exposure	---	Not Applicable
Aspiration Hazard	---	Not Applicable

### 12. Ecological Information

#### 12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

#### AQUATIC ECOTOXICITY

Ingredient	96 Hr LC50 Fish (mg/L)	48 Hr EC50 Crustacea (mg/L)	ERC50 Algae (mg/L)
Propylene Glycol 57-55-6	710.00, Pimephales Promelas	10,000.00, Daphnia Magna	Not Available
Ethylene Glycol Monobutyl Ether 111-76-2	220.00, Fish (Piscis)	1,000.00, Daphnia Magna	Not Available
Butyl Diglycol 112-34-5	13,000.00, Lepomis Macrochirus	100.00, Daphnia Magna	Not Available
Gum Arabic 9000-01-5	Not Available	Not Available	Not Available
Magnesium (II) Nitrate (1:2), Hexahydrate 13446-18-9	Not Available	Not Available	Not Available
Anionic Surfactants Proprietary	Not Available	Not Available	Not Available
Polysaccharides Proprietary	Not Available	Not Available	Not Available

**12.2. Persistence And Degradability:** There is no data available on the preparation itself.

**12.3. Bioaccumulative Potential:** Not Measured

**12.4. Mobility In Soil:** No data available.

**12.5. Results Of PBT And vPvB Assessment:** This product contains no PBT/vPvB chemicals.

**12.6. Other Adverse Effects:** No data available.

### 13. Disposal Considerations

#### 13.1 Waste Treatment Methods

Observe all federal, state, and local regulations when disposing of this substance.

### 14. Transport Information

#### NON-BULK & BULK DOMESTIC GROUND

In summary, for **non-bulk & bulk domestic ground shipments:**

**DOT Class:** Not Regulated  
**Hazard Class:** Not Applicable  
**UN No.:** Not Applicable

The domestic provisions provided for in non-bulk and bulk ground shipments are not valid for transportation by aircraft or vessel and they are not valid for international shipments. Please follow the appropriate DOT regulations in 49 CFR and the information referenced where appropriate in the IATA Dangerous Goods Transportation Regulation, the International Maritime Organization (IMO), the International Civil Aviation Organization (ICAO) and our NFTA partner hazardous material regulation requirements).

#### OCEAN TRANSPORTATION

In summary, for **ocean shipments:**

**Proper Shipping Name:** Not Regulated  
**UN No.:** Not Regulated  
**Packing Group:** Not Regulated  
**IMDG:** Not Applicable  
**Environmental Hazards:** IMDG: Marine Pollutant: No

**14.6. Special Precautions For User:** No further information

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### 15. Regulatory Information

<b>Regulatory Overview</b>	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.	
<b>TSCA</b>	All listed components either appear or are exempt from the Toxic Substances Control Act (TSCA) Inventory.	
<b>CERCLA</b>	Reportable Quantity (RQ) (40 CFR 117.302): None.	
<b>Carcinogenicity</b>	None of the components in this chemical are present above minimum amounts listed by IARC, NTP, or OSHA as a carcinogen.	
<b>WHMIS Classification</b>	Not Regulated	
<b>US EPA Tier II Hazards</b>	<b>Fire:</b> No <b>Sudden Release of Pressure:</b> No <b>Reactive:</b> No <b>Immediate (Acute):</b> Yes <b>Delayed (Chronic):</b> No	
<b>SARA Title III</b>	Glycol Ethers and Magnesium Nitrate, Hexahydrate are toxic chemical(s) subject to the reporting of Section 313 of Title III and of 40 CFR 372.	
<b>California PROP 65:</b>	None	
<b>EPCRA 311/312 Chemicals and RQs:</b>	None Listed	<b>EPCRA 302 Extremely Hazardous:</b> None Listed
<b>EPCRA 313 Toxic Chemicals:</b>	Butyl Diglycol, Ethylene Glycol Monobutyl Ether, Magnesium (II) Nitrate (1:2), Hexahydrate	
<b>Proposition 65 - Carcinogens (&gt;0.0%):</b>	None Listed	<b>Proposition 65 - Developmental Toxins (&gt;0.0%):</b> None Listed
<b>Proposition 65 - Female Repro Toxins (&gt;0.0%):</b>	None Listed	<b>Proposition 65 - Male Repro Toxins (&gt;0.0%):</b> None Listed
<b>N.J. RTK Substances (&gt;1%):</b>	Ethylene Glycol Monobutyl Ether, Propylene Glycol	
<b>Penn RTK Substances (&gt;1%):</b>	Ethylene Glycol Monobutyl Ether, Propylene Glycol	

### 16. Other Information

#### HMIS

Health:	1
Flammability:	0
Reactivity:	0
Protective:	C

#### SCAQMD Rule 443.1

Photochemically Reactive:	No
Maximum Grams of VOC per Liter:	87.5 gm/L
Vapor Pressure:	0.6 mm Hg @ 20°C

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

#### The full text of the phrases appearing in Section 3 is:

<b>H302</b>	Harmful if swallowed
<b>H312</b>	Harmful in contact with skin
<b>H315</b>	Causes skin irritation
<b>H319</b>	Causes serious eye irritation
<b>H332</b>	Harmful if inhaled

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

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