

1. Identification Of The Substance / Mixture And Of The Company / Undertaking**1.1. Product Identifier**

Product Identity **NETWORK PRO ONE 1550**
One-Step Fountain Solution
Alternate Names Product Number: 805831, 804148, 804149, 804150, 804151, 23100

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. 2; H315 Causes skin irritation
Eye Irrit. 2; H319 Causes serious eye irritation

2.2. Label Elements

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

Signal Word: **WARNING!**



H315 Causes skin irritation
H319 Causes serious eye irritation

[Prevention]

P264 Wash thoroughly after handling
P280 Wear protective gloves, eye protection, and face protection

[Response]

P302 + P352 IF ON SKIN: Wash with plenty of soap and water
P305 + P351 + P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present - continue rinsing.
P321 Specific treatment (see information on this label)
P337 + P313 If eye irritation persists: Get medical attention
P362 Take off contaminated clothing and wash before reuse

[Storage]

No GHS storage statements

[Disposal]

No GHS disposal statements

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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.

Ingredient / Chemical Designations	Weight%	GHS Classification	Notes
Ethylene Glycol Monobutyl Ether (CAS No: 111-76-2)	10 - 20	Acute Tox. 4; H332, H312, H302 Eye Irrit. 2; H319 Skin Irrit. 2; H315	[1] [2]
Propylene Glycol (CAS No: 57-55-6)	1 - 10	Not Classified	[1]
Polysaccharides (CAS No: Proprietary)	3 - 7	Not Classified	[1]
Butyl Diglycol (CAS No: 112-34-5)	1 - 5	Eye Irrit. 2; H319	[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]

[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

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	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.
Eyes	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
Skin	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.
Ingestion	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

Overview	Eye Contact: May cause irritation with redness, tearing, or stinging. Inhalation: Can cause mild irritation. Ingestion: May cause irritation to mucus membrane with nausea, vomiting, and diarrhea. Skin Contact: May cause irritation or reddening. Signs and Symptoms of Exposure: 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. Aggravated Medical Conditions: Asthmatics or individuals with lung conditions. Pre-existing conditions of the kidney or liver.
Eyes	Causes serious eye irritation.
Skin	Causes 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.

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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 watercourses. 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 pre-treatment.

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 TWA: (Aerosol): 10 mg/m3 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
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
		CARCINOGEN DATA	
CAS No.	Ingredient	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;

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8. Exposure Controls And Personal Protection, Cont.'

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;
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;

8.2. Description Of First Aid Measures

Respiratory	If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.
Eyes	Safety glasses with side shields (or goggles).
Skin	Wear appropriate equipment to prevent probability of exposure and personal contact. Latex, rubber, or neoprene waterproof gloves are recommended.
Engineering Controls	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.
Other Work Practices	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

9.1.

Appearance	Clear, emerald green liquid	Melting Point / Freezing Point	Not Measured
Odor	Slight butyl	Initial Boiling Point / Boiling Range	Not Measured
Odor Threshold	Not Measured	Evaporation Rate (n-Butyl Acetate = 1)	Not Measured
Flashpoint	Non-flammable	Upper / Lower Flammability or	Lower: Not Measured
pH	3.80	Explosive Limits	Upper: Not Measured
Flammability (Solid, Gas)	Not Measured	Partition Coefficient n-octanol/water (Log Kow)	Not Measured
Vapor Pressure (PA)	0.40 mm Hg @ 20°C	Solubility In Water	Complete
Vapor Density (Air = 1)	Not Measured	Auto-Ignition Temperature	Not Measured
Specific Gravity	1.08	Decomposition Temperature	Not Measured
Density	9.00 lbs per gallon	Viscosity (cSt)	Not Measured
% Volatile	71.2	Photochemically Reactive	No
V.O.C. (Acetone Exempt)	238.5 gm/L, 22%, 1.99 lb/gal	Maximum Grams of V.O.C. per Liter	238.5

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. Combustion products include carbon dioxide and carbon monoxide.

10.5. Incompatible Materials: Caustics. Acids. Oxidizers.

10.6. Hazardous Decomposition Products: Oxides of Carbon.

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11. Toxicological Information

Acute Toxicity

Ingredient	Oral LD50 (mg/kg)	Skin LD50 (mg/kg)	Inhalation Vapor LD50 (mg/L/4hr)	Inhalation Dust/Mist LD50 (mg/L/4hr)	Inhalation Gas LD50 (ppm)
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
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
Polysaccharides Proprietary	No Data Available	No Data Available	No Data Available	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
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

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).

Classification	Category	Hazard Description
Acute Toxicity (oral)	---	Not Applicable
Acute Toxicity (dermal)	---	Not Applicable
Acute Toxicity (inhalation)	---	Not Applicable
Skin Corrosion / Irritation	2	Causes skin irritation
Serious Eye Damage / Irritation	2	Causes serious eye irritation
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)
Ethylene Glycol Monobutyl Ether 111-76-2	220.00, Fish (Piscis)	1,000.00, Daphnia	Not Available
Propylene Glycol 57-55-6	40,613.00, Oncorhynchus Mykiss	18,340.00, Ceriodaphnia Dubia	19,000.00 (96 Hr), Pseudo-kirchneriella Subcapitata
Polysaccharides Proprietary	Not Available	Not Available	Not Available
Butyl Diglycol 112-34-5	1,300.00, Lepomis Macrochirus	100.00, Daphnia Magna	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

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12. Ecological Information, Cont.'

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

15. Regulatory Information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

TSCA All listed components either appear or are exempt from the Toxic Substances Control Act (TSCA) Inventory.

CERCLA Reportable Quantity (RQ) (40 CFR 117.302): None.

Carcinogenicity None of the components in this chemical are present above minimum amounts listed by IARC, NTP, or OSHA as a carcinogen.

WHMIS Classification D2B

US EPA Tier II Hazards **Fire:** No **Sudden Release of Pressure:** No **Reactive:** No **Immediate (Acute):** Yes **Delayed (Chronic):** No

SARA Title III Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of Title III and of 40 CFR 372. This product contains: Butyl Diglycol, Ethylene Glycol Monobutyl Ether, Magnesium (II) Nitrate (1:2), Hexahydrate.

California PROP 65: None

EPCRA 311/312 Chemicals and RQs (Lbs): None Listed

EPCRA 302 Extremely Hazardous: None Listed

EPCRA 313 Toxic Chemicals: Butyl Diglycol, Ethylene Glycol Monobutyl Ether, Magnesium (II) Nitrate (1:2), Hexahydrate.

Proposition 65 - Carcinogens (>0.0%): None Listed

Proposition 65 - Developmental Toxins (>0.0%): None Listed

Proposition 65 - Female Repro Toxins (>0.0%): None Listed

Proposition 65 - Male Repro Toxins (>0.0%): None Listed

N.J. RTK Substances (>1%): Ethylene Glycol Monobutyl Ether & Propylene Glycol

Penn RTK Substances (>1%) : 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: 238.5 gm/L
Vapor Pressure: 0.40 mm Hg @ 20°C

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The full text of the phrases appearing in section 3 is:

H302 Harmful if swallowed
H312 Harmful in contact with skin
H315 Causes skin irritation
H319 Causes serious eye irritation
H332 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.

This Safety data Sheet was prepared using information provided by/obtained from Böttcher America. The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to the product. Böttcher America expressly disclaim all expressed or implied warranty and assumes no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other processes as to the accuracy of and/or sufficiency of such information. This Safety Data Sheet may not be changed or altered in any way without the expressed knowledge and permission of Böttcher America.