

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

1.1. Product Identifier

Product Identity **#1 NETWORK PRO ONE 1120**
 Sheetfed Fountain Solution
 Alternate Names Product Number: 805868, 804153, 804154, 804155, 804156, 23165

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

Eye Dam. 1; H318 Causes serious eye damage

2.2. Label Elements

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

Signal Word: **DANGER!**

H318 Causes serious eye damage



[Prevention]

P280 Wear protective gloves, eye protection, and face protection

[Response]

P305 + P351 + P338 If in eyes: Rinse continuously with water for several minutes. Remove contact lenses if present, continue rinsing.
 P310 Immediately call a poison center or doctor / physician.

[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.

Ingredient / Chemical Designations	Weight%	GHS Classification	Notes
Nitric Acid Sodium Salt ¹ (CAS No: 7631-99-4)	5 - 10	Not Classified	[1]
Citric Acid (CAS No: 77-92-9)	1 - 5	Eye Irrit. 2; H319	[1]
Propanoic Acid, 2-Hydroxy-, Ethyl Ester (CAS No: 97-64-3)	1 - 5	Flam. Liq. 3; H226 STOT SE 3; H335 Eye Dam. 1; H318	[1]
Anionic Surfactants (CAS No: Proprietary)	1 - 5	Not Classified	[1]
Pentasodium DTPA (CAS No: Proprietary)	1 - 3	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

¹ Sara Title III Disclosure - Section 15

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. 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	If accidentally swallowed, drink a glass of water or milk. DO NOT INDUCE VOMITING. Get immediate medical attention.

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

Overview	POTENTIAL HEALTH EFFECTS Eye Contact: May cause irritation. Inhalation: Low hazard for recommended handling. May cause irritation to respiratory tract. Ingestion: May cause irritation to the gastrointestinal tract. Skin Contact: Prolonged exposure may cause skin irritation. Signs and Symptoms of Exposure: Eye and skin irritation with abdominal pain, vomiting and diarrhea upon ingestion. Aggravated Medical Conditions: Individuals who are under the care of a physician or have chronic ailments, should consult a physician before using this product. Supplemental Health Information: None of the components in this product is listed by IARC, NTP, or OSHA as a carcinogen. See Section 2 for further details.
Eyes	Causes serious eye damage.

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: Carbon dioxide and carbon monoxide.

5.3. Advice For Firefighters

Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

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

See section 2 for further details [Prevention].

7.2. Conditions For Safe Storage, Including Any Incompatibilities

Handle containers carefully to prevent damage and spillage. 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
77-92-9	Citric Acid	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
97-64-3	Propanoic Acid, 2-Hydroxy-, Ethyl Ester	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
7631-99-4	Nitric Acid Sodium Salt	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
Proprietary	Anionic Surfactant	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
Proprietary	Pentasodium DTPA	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

CARCINOGEN DATA

CAS No.	Ingredient	Source	Value
77-92-9	Citric Acid	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
97-64-3	Propanoic Acid, 2-Hydroxy-, Ethyl Ester	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
7631-99-4	Nitric Acid Sodium Salt	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
Proprietary	Anionic Surfactant	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
Proprietary	Pentasodium DTPA	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	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

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. Good ventilation of 10 room volumes per hour. Ventilation must be adequate to keep hazardous ingredients below their exposure limits.
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

Appearance	Bright blue, clear to light hazy liquid	Melting Point / Freezing Point	Not Measured
Odor	Specific	Initial Boiling Point / Boiling Range	212°F
Odor Threshold	Not Measured	Evaporation Rate (Ether = 1)	Not Measured
Flashpoint	Non-flammable	Upper / Lower Flammability or Explosive Limits	Lower: Not Measured Upper: Not Measured
pH	3.25	Partition Coefficient n-octanol/water (Log Kow)	Not Measured
Flammability (Solid, Gas)	Not Applicable	Solubility In Water	Complete, not soluble in apolar solvents
Vapor Pressure (PA)	Not Measured	Auto-Ignition Temperature	Not Measured
Vapor Density	Not Measured	Decomposition Temperature	Not Measured
Specific Gravity	1.18	Viscosity (cSt)	Not Measured
Density	9.83 lbs per gallon	Photochemically Reactive	No
% Volatile	70.4	Maximum Grams of V.O.C. per Liter	0.00
V.O.C.	0.00 gm/L, 0%, 0.00 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:** No data available.
- 10.5. Incompatible Materials:** No data available.
- 10.6. Hazardous Decomposition Products:** Carbon dioxide and carbon monoxide.

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)
Nitric Acid Sodium Salt 7631-99-4	No Data Available	No Data Available	No Data Available	No Data Available	No Data Available
Citric Acid 77-92-9	5,400.00 Mouse Category: NA	>2,000.00 Rat Category: 5	No Data Available	No Data Available	No Data Available
Propanoic Acid, 2-Hydroxy-, Ethyl Ester 97-64-3	8,200.00 Rat Category: NA	5,000.00 Rabbit Category: 5	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
Pentasodium DTPA 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	---	Not Applicable
Serious Eye Damage / Irritation	1	Causes serious eye damage
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)
Nitric Acid Sodium Salt 7631-99-4	Not Available	Not Available	Not Available
Citric Acid 77-92-9	706.00, Fish (Piscis)	Not Available	Not Available
Propanoic Acid, 2-Hydroxy-, Ethyl Ester 97-64-3	320.00, Danio Rerio	560.00, Daphnia Magna	2,300.00 (72 Hr), Pseudo-kirchneriella Subcapitata
Anionic Surfactants Proprietary	Not Available	Not Available	Not Available
Pentasodium DTPA 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

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, E	
US EPA Tier II Hazards	Fire: No Sudden Release of Pressure: No Reactive: No Immediate (Acute): Yes Delayed (Chronic): No	
SARA Title III	¹ Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of Title III and of 40 CFR 372. This product contains: Nitric Acid Sodium Salt (Cas# 7631-99-4) (8%) by weight which are components in the mixture.	
California PROP 65:	None	
EPCRA 311/312 Chemicals and RQs:	None Listed	EPCRA 302 Extremely Hazardous: None Listed
EPCRA 313 Toxic Chemicals:	Nitric Acid Sodium Salt	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%): Propanoic Acid, 2-Hydroxy-, Ethyl Ester
Penn RTK Substances (>1%) :	Nitric Acid Sodium Salt & Propanoic Acid, 2-Hydroxy-, Ethyl Ester	

16. Other Information

HMIS

Health:	1
Flammability:	0
Reactivity:	0
Protective:	B

SCAQMD Rule 443.1

Photochemically Reactive:	No
Maximum Grams of VOC per Liter:	0 gm/L
Vapor Pressure:	N.E. mm Hg @ 20°C

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

H226	Flammable liquid and vapor
H318	Causes serious eye damage
H319	Causes serious eye irritation
H335	May cause respiratory irritation

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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