#1 Network Web Fount 1052:

Web Offset Fountain Solution SDS Revision Date: 2/2/2015

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

1.1. Product Identifier

Product Identity	**#1 NETWORK WEB FOUNT 1052** Web Offset Fountain Solution
Alternate Names	Product Number: 805814, 804082, 804083, 804084, 804085, 804086, 23806

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 (Not adopted by US OSHA)

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.

Ingredient / Chemical Designations	Weight%	GHS Classification	Notes
Ethylene Glycol (CAS No: 107-21-1)	5 - 10	Acute Tox. 4; H302	[1] [2]
Magnesium (II) Nitrate (1:2), Hexahydrate (CAS No: 13446-18-9)	5 - 10	Not Classified	[1]
Anionic Surfactants (CAS No: Proprietary)	5 - 10	Not Classified	[1]
Acetic Acid (CAS No: 64-19-7)	1 - 5	Flam. Liq. 3; H226 Skin Corr. 1A; H314 Eye Irrit. 2; H319	[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]

[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 allergice reaction develops.

Ingestion Contact a physician, medical facility, or poison control center. If accidentally swallowed, 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: May cause mild irritation.
Ingestion: May cause irritation to the mucus membrane.
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 skin sensitivities.
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.

Skin Causes mild skin irritation. (Not adopted by US OSHA)

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

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.

7. Handling And Storage

7.1. Precautions For Safe Handling

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

7.2. Conditions For Safe Storage, Including Any Incompatibilities

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

EXPOSURE

CAS No.	Ingredient	Source	Value
64-19-7	Acetic Acid	OSHA	TWA: 10 ppm (25 mg/m3)
		ACGIH	TWA: 10 ppm STEL: 15 ppm
		NIOSH	TWA: 10 ppm (25 mg/m3) STEL: 15 ppm (37 mg/m3)
		Supplier	No Established Limit
107-21-1	Ethylene Glycol	OSHA	No Established Limit
		ACGIH	TWA: 10 mg/m3 (Particulate) Ceiling: 100 mg/m3 (Aerosol) 50 ppm (Vapor) STEL: 20 mg/m3 (Particulate)
		NIOSH	No Established RELs
		Supplier	No Established Limit
111-76-2	Ethylene Glycol Monobutyl Ether	OSHA	TWA: 50 ppm (240 mg/m3) [skin]
		ACGIH	TWA: 20 ppm - Revised 2003
		NIOSH	TWA: 5 ppm (24 mg/m3) [skin]
		Supplier	No Established Limit
13446-18-9	Magnesium (II) Nitrate (1:2), Hexahydrate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
Proprietary	Anionic Surfactants	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

CARCINOGEN DATA

CAS No.	Ingredient	Source	Value
64-19-7	Acetic 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;
107-21-1	Ethylene Glycol	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;
111-76-2	Ethylene Glycol Monobutyl Ether	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;
13446-18-9	Magnesium (II) Nitrate (1:2), Hexahydrate	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	Anionic Surfactants	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;

8. Exposure Controls And Personal Protection, cont.'

8.2. Description Of First Aid Measures

Respiratory	Avoid inhalation of the product vapors. When this product is used in the intended way, no respiratory protection is anticipated to be necessary. A respirator should be worn if hazardous decomposition products are likely to be or have been released. Respirator type: Acid gas.
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

Appearance	Clear emerald green liquid	**Melting Point / Freezing Point**	- 41˚F
Odor	Slight Butyl	**Initial Boiling Point / Boiling Range**	> 212˚F
Odor Threshold	Not Measured	**Evaporation Rate (Ether = 1)**	Not Measured
Flashpoint	Non-flammable	**Upper / Lower Flammability or**	Lower: Not Measured
pH	3.55	**Explosive Limits**	Upper: Not Measured
Flammability (Solid, Gas)	Not Applicable	**Partition Coefficient n-octanol/water (Log Kow)**	Not Measured
Vapor Pressure (PA)	Not Measured	**Solubility In Water**	Complete
Vapor Density	Not Measured	**Auto-Ignition Temperature**	Not Measured
Specific Gravity	1.09	**Decomposition Temperature**	Not Measured
Density	9.08 lbs per gallon	**Viscosity (cSt)**	Not Measured
% Volatile	83.49	**Photochemically Reactive**	No
V.O.C.	120.55 gm/L, 11%, 1.00 lb/gal	**Maximum Grams of V.O.C. per Liter**	120.55

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.
Under the influence of heat and light, a light discoloration can occur as the formation of a precipitate.

10.5. Incompatible Materials: Caustics. Acids. Oxidizers.

10.6. Hazardous Decomposition Products: Oxides of Carbon

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 107-21-1	4,700.00 Rat Category: 5	10,626.00 Rabbit Category: NA	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
Acetic Acid 64-19-7	3,310.00 Rat Category: 5	1,112.00 Rabbit Category: 4	11.40 Rat Category: 4	No Data Available	16,000.00 Rat Category: NA
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

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. (Not adopted by US OSHA)
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

AQUATIC ECOTOXICITY

Ingredient	96 Hr LC50 Fish (mg/L)	48 Hr EC50 Crustacea (mg/L)	ERC50 Algae (mg/L)
Ethylene Glycol 107-21-1	8,050.00, Pimephales Promelas	100.00, Crangon Crangon	6,500.00 (96 Hr), Selenastrum Capricomutum
Magnesium (II) Nitrate (1:2), Hexahydrate 13446-18-9	Not Available	Not Available	Not Available
Anionic Surfactants Proprietary	Not Available	Not Available	Not Available
Acetic Acid 64-19-7	79.00, Pimephales Promelas	65.00, Daphnia Magna	73.40 (96 Hr), Navicula Seminulum
Ethylene Glycol Monobutyl Ether 111-76-2	220.00, Fish (Piscis)	1,000.00, Daphnia Magna	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

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	Not Regulated
US EPA Tier II Hazards	**Fire:** No **Sudden Release of Pressure:** No **Reactive:** No **Immediate (Acute):** Yes **Delayed (Chronic):** No
SARA Title III	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.
California PROP 65:	None

EPCRA 311/312 Chemicals and RQs: Acetic Acid (5,000), Ethylene Glycol (5,000)
EPCRA 302 Extremely Hazardous: None Listed
EPCRA 313 Toxic Chemicals: Ethylene Glycol, 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%): Acetic Acid, Ethylene Glycol, Ethylene Glycol Monobutyl Ether
Penn RTK Substances (>1%): Acetic Acid, Ethylene Glycol, Ethylene Glycol Monobutyl Ether

16. Other Information

HMIS

Health:	1
Flammability:	0
Reactivity:	0
Personal:	C

SCAQMD Rule 443.1

Photochemically Reactive:	No
Maximum Grams of VOC per Liter:	120.55 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:

H316 Causes mild skin 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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