

#1 Network Pro-1 UV Wash:

UV Blanket & Roller Wash SDS Revision Date: 3/24/2015

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

1.1. Product Identifier

Product Identity **#1 NETWORK PRO-1 UV WASH**
 UV Blanket & Roller Wash
 Alternate Names Product Number: 806292, 806295, 806294, 806293, 26292

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

Combustible Liquid;	H227	Combustible liquid
Acute Tox. 4;	H302	Harmful if swallowed
Acute Tox. 4;	H312	Harmful in contact with skin
Acute Tox. 4;	H332	Harmful if inhaled
Skin Irrit. 2;	H315	Causes skin irritation
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 listed as follows:

Signal Word: **DANGER!**

H227 Combustible liquid
 H302 Harmful if swallowed
 H312 Harmful in contact with skin
 H315 Causes skin irritation
 H318 Causes serious eye damage
 H332 Harmful if inhaled



[Prevention]

P210 Keep away from heat, sparks, open flames, and hot surfaces - No smoking
 P261 Avoid breathing dust, fume, gas, mist, vapors, spray
 P264 Wash thoroughly after handling
 P270 Do not eat, drink or smoke when using this product
 P271 Use only outdoors or in a well-ventilated area
 P280 Wear protective gloves, eye protection, and face protection

[Response]

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor - physician
 P302 + P352 IF ON SKIN: Wash with plenty of soap and water
 P304 + P312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell
 P305 + P351 + P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses and continue rinsing
 P321 Specific treatment (see information on this label)
 P330 Rinse mouth
 P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing
 P362 Take off contaminated clothing and wash before reuse
 P363 Wash contaminated clothing before reuse

[Storage]

P403 + P235 Store in a well ventilated area. Keep cool.

[Disposal]

P501 Dispose of contents and container in accordance with local and national regulations

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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)	70 - 90	Acute Tox. 4; H332, H312, H302 Eye Irrit. 2; H319 Skin Irrit. 2; H315	[1][2]
Propanol (CAS No: 71-23-8)	10 - 20	Flam. Liq. 2; H225 Eye Dam. 1; H318 STOT SE 3; H336	[1][2]

[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. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately. Inhalation overexposure can produce toxic effects. Monitor for respiratory distress. Vigorous anti-inflammatory/steroid treatment may be required at first evidence of upper airway or pulmonary edema.
Eyes	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention. Check for and remove contact lenses.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser. Wash contaminated clothing before re-use. Get medical attention if irritation or allergic reaction develops.
Ingestion	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting. If conscious, give 1 glass of water. If medical advice is delayed and if an adult has swallowed several ounces of chemical, then give 3-4 ounces of hard liquor such as 80 proof whiskey. This product contains material which presents a significant aspiration/chemical pneumonitis hazard. Induction of emesis is not recommended.

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

Overview	Aggravated Medical Conditions: Personnel with pre-existing central nervous system disease (CNS), neurological conditions, skin disorders, liver or kidney function, or chronic respiratory diseases should avoid exposure. Eye Contact: May cause severe eye irritation. May cause moderate corneal damage. Effects may include discomfort or pain and redness. Inhalation: Avoid breathing mist or vapor. Gas or vapor in high concentrations may irritate respiratory tract, euphoria, and excitation. Solvent vapors are hazardous and may cause nausea, sickness, vomiting and headaches and CNS (central nervous system) effects. Vapors can reduce oxygen content in air. Ingestion: Swallowing can cause gastrointestinal irritation and burning sensation in the mouth. Symptoms include nausea, vomiting, dizziness, and diarrhea. Aspiration of materials into the lungs can cause chemical pneumonitis and severe lung damage. Skin Contact: May cause irritation. Prolonged or repeated contact may lead to drying of the skin. This product can also be absorbed through the skin causing CNS depression effects. Signs and Symptoms of Exposure: Eye irritation, respiratory irritation, dermatitis, difficulty breathing, nausea, vomiting, headaches, skin irritation, mucus membrane irritation, or intoxication.
Inhalation	Harmful if inhaled
Eyes	Causes serious eye damage
Skin	Harmful in contact with skin. Causes skin irritation.
Ingestion	Harmful if swallowed

5. Fire-Fighting Measures

5.1. Extinguishing Media

Use carbon dioxide, foam, dry chemical, water spray. Do not use direct water stream; it will spread the fire.

5.2. Special Hazards Arising From The Substance Or Mixture

Hazardous decomposition: Carbon dioxide and carbon monoxide. Generation of gas during decomposition can cause pressure in closed systems. Keep away from heat, sparks, open flames, and hot surfaces - No smoking. Avoid breathing dust, fume, gas, mist, vapors, spray.

5.3. Advice For Firefighters

Water spray may be ineffective on fire but may protect fire-fighters and cool closed containers. Use fog nozzles if water is used. Containers close to the fire should be removed or cooled with water. Do not get water inside container. Let small fires burn unless the leak can be stopped immediately and safely. Do not enter confined fire-space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots). Use NIOSH approved positive-pressure self-contained breathing apparatus.

COMBUSTIBLE! Keep container tightly closed. Isolate from oxidizers, heat, and open flames. Closed containers may explode if exposed to extreme heat.

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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 leak if possible without risk. Extinguish all ignition sources. Avoid sparks, flames, heat, and smoking. Ventilate. 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. Fire media run-off can damage the environment. Wash all contaminated clothing before reuse, and discard contaminated leather shoes.

7. Handling And Storage

7.1. Precautions For Safe Handling

Empty containers retain product residue and can be dangerous. Do not pressurize, cut weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks static electricity, or other sources of ignition. Drain and purge equipment as necessary to remove material residues. Wash exposed skin after handling. Store in accordance with the National Fire Protection Association's publication NFPA 30, Flammable and Combustible Liquids Code. 29 CFR 1910.106 applies to the handling, storage, and use of flammable and combustible liquids. 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 area, away from heat, sparks and open flame. Keep containers sealed when not in use. Store out of direct sunlight. Incompatible materials: Strong Alkalis, strong oxidizing agents and acids. A spill or leak can cause an immediate fire or explosion hazard. Keep away from heat, sparks, and open flame. Static electricity and formation of sparks must be prevented. Containers should be grounded and bonded before transferring product. Keep in cool, dry, ventilated Class II liquid storage and closed containers. Protect from light, including direct sun rays. Ground container and transfer equipment to eliminate static electric sparks. Store isolated from oxidizing materials. Continue all label precautions. Avoid breathing vapor or contact with liquid. Flammable liquid - Class 1B. See section 2 for further details [Storage].

7.3. Specific End Use(s)

No data available.

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8. Exposure Controls And Personal Protection

8.1. Control Parameters

CAS No.	Ingredient	EXPOSURE	
		Source	Value
71-23-8	Propanol	OSHA	TWA: 200 ppm (500 mg/m3)
		ACGIH	TWA: 100 ppm Revised 2007
		NIOSH	TWA: 200 ppm (500 mg/m3) ST: 250 ppm (625 mg/m3) [skin]
		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
CAS No.	Ingredient	CARCINOGEN DATA	
		Source	Value
71-23-8	Propanol	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;

8.2. Description Of First Aid Measures

Respiratory	Use an approved positive-pressure, pressure demand, self-contained breathing apparatus (SCBA) for unknown vapor concentrations. For known vapor concentrations above the exposure guideline, use a NIOSH-approved organic vapor respirator if adequate protection is provided.
Eyes	Chemical safety goggles with splash shield.
Skin	Wear overalls to keep skin contact to a minimum. Avoid skin contact. Wear appropriate equipment to prevent probability of exposure and personal contact. It is recommended that fire-retardant garments be worn while working with flammable and combustible liquids. If splashing or spraying is expected, chemical-resistant protective clothing should be worn. Disposable PVC, neoprene, nitrile, and vinyl gloves which are impermeable to the specific materials 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. Use vapor, mist gas mask within use limits, or ventilate to keep vapors of this material below exposure limits. If over TLV, in accordance with CFR 1910.134, use NIOSH approved positive-pressure self-contained breathing apparatus. Odor is an inadequate warning for hazardous conditions. Use of this material in spaces without adequate ventilation may result in generation of hazardous levels of combustion products and/or inadequate oxygen levels for breathing.
Other Work Practices	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]

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9. Physical And Chemical Properties

9.1.			
Appearance	Clear, red liquid	Melting Point / Freezing Point	Not Established
Odor	Alcohol	Initial Boiling Point / Boiling Range	207°F to 345°F
Odor Threshold	Not Measured	Evaporation Rate (n-Butyl = 1)	0.08
Flashpoint	148°F	Upper / Lower Flammability or	Lower: N.E.
pH	NA	Explosive Limits	Upper: N.E.
Flammability (Solid, Gas)	NA	Partition Coefficient n-octanol/water (Log Kow)	Not Measured
Vapor Pressure (PA)	2.40 mm Hg @ 20°C	Solubility In Water	Emulsifies
Vapor Density	Not Measured	Auto-Ignition Temperature	Not Measured
Specific Gravity	0.92	Decomposition Temperature	Not Measured
Density	7.60 lbs per gallon	Viscosity (cSt)	Not Measured
% Volatile	100	Photochemically Reactive	No
V.O.C.	915 gm/L, 100%, 7.60 lb/gal	Max Grams of V.O.C./Ltr	915

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 distill to dryness. Product can oxidize at elevated temperatures. Avoid heat, flame, and other sources of ignition.

10.5. Incompatible Materials: Strong alkalis, strong oxidizing agents and acids.

10.6. Hazardous Decomposition Products: Carbon dioxide and carbon monoxide. Generation of gas during decomposition can cause pressure in closed systems.

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
Propanol 71-23-8	8,038.00 Rat Category: NA	4,000.00 Rabbit Category: 5	33.80 Rat Category: NA	No Data Available	20,000.00 Rat Category: NA

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)	4	Harmful if swallowed
Acute Toxicity (dermal)	4	Harmful in contact with skin
Acute Toxicity (inhalation)	4	Harmful if inhaled
Skin Corrosion / Irritation	2	Causes skin irritation
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)
Ethylene Glycol Monobutyl Ether 111-76-2	220.00, Fish (Piscis)	1,000.00, Daphnia	Not Available
Propanol 71-23-8	4,480.00, Pimephales Promelas	3,100.00, Daphnia Magna	4,480.00 (96 Hr), Selenastrum Capricornutum

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 DOMESTIC GROUND

This material is not regulated for domestic ground shipments by the U.S. Department of Transportation (DOT) when transported in non-bulk (a packaging which has a maximum capacity of 119 gallons or less as a receptacle for a liquid). Reference 49 CFR 173.120 (b) (2) and 173.150 (f) (1).

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

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

BULK DOMESTIC GROUND

If this material is offered for domestic ground shipment in bulk (a packaging which has a maximum capacity greater than 119 gallons as a receptacle for a liquid), then the material is regulated. Reference 49 CFR 173.120 (b) (2) and 173.150 (f) (2).

In summary, for **bulk domestic ground shipments**:

DOT Shipping Name: NA 1993, Combustible Liquid, N.O.S. (Contains 2, Butoxy Ethanol and N-Propyl Alcohol)
Hazard Class: Combustible
UN No.: NA 1993
Packing Group: III
Guide No: 128

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	B3, D2B, E	
US EPA Tier II Hazards	Fire: Yes 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: Ethylene Glycol Monobutyl Ether.	
California PROP 65:	None	
EPCRA 311/312 Chemicals and RQs (Lbs):	None Listed	EPCRA 302 Extremely Hazardous: None Listed
EPCRA 313 Toxic Chemicals:	Ethylene Glycol Monobutyl Ether	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, Propanol	
Penn RTK Substances (>1%) :	Ethylene Glycol Monobutyl Ether, Propanol	

16. Other Information

HMIS

Health:	2
Flammability:	2
Reactivity:	0
Personal:	B

SCAQMD Rule 443.1

Photochemically Reactive:	No
Maximum Grams of VOC per Liter:	915 gm/L
Vapor Pressure:	2.40 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:

H225	Highly flammable liquid and vapor
H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H336	May cause drowsiness and dizziness

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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