



#1 Network Ink Wash SB:

Very Fast Drying Duplicator Wash SDS Revision Date: 2/12/2015

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

Product Identity **#1 NETWORK INK WASH SB**
Very Fast Drying Duplicator Wash
Alternate Names Product Number: 805833, 805523, 805524, 805525, 23105

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**

Flam. Liq. 2;	H225	Highly flammable liquid and vapor
Acute Tox. 5;	H313	May be harmful in contact with skin
Acute Tox. 4;	H332	Harmful if inhaled
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: **DANGER!**

H225 Highly flammable liquid and vapor
H313 May be harmful in contact with skin
H315 Causes skin irritation
H319 Causes serious eye irritation
H332 Harmful if inhaled

**[Prevention]**

P210 Keep away from heat, sparks, open flames, and hot surfaces - No smoking
P241 Use explosion-proof electrical, ventilation, lighting, and equipment
P261 Avoid breathing dust, fume, gas, mist, vapors, spray
P262 Do not get in eyes, on skin, or on clothing
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
P303 + P361 + P353 IF ON SKIN (or hair): Remove / take off immediately all contaminated clothing - Rinse skin with water & shower
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 if present - continue rinsing.
P321 Specific treatment (see information on this label)
P331 Do NOT induce vomiting
P337 + P313 If eye irritation persists: Get medical attention
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
P370 + P378 In case of fire: Use extinguishing media listed in Section 5 of SDS for extinction

[Storage]

P403 + P233 Store in a well ventilated area. Keep container tightly closed

[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	
Xylene (CAS No: 1330-20-7)	40 - 60	Flam. Liq. 3: Acute Tox. 4; Skin Irrit. 2;	H226 H332, H312 H315	[1][2]
Aliphatic Hydrocarbon (CAS No: 8032-32-4)	20 - 30	Asp. Tox. 1:	H304	[1][2]
1-Propoxy-2-Propanol (CAS No: 1569-01-3)	10 - 20			[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.
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. Get medical attention if irritation or allergic reaction develops.
Ingestion	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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

Overview	<p>Signs and Symptoms of Exposure: Metallic taste, redness of face and neck, mouth and throat irritation, stomach or intestinal upset, irritation of the respiratory passages, a tight feeling in the chest, central nervous system depression. Nausea, vomiting, headaches, excitation, dizziness, irregular heartbeat, and coma.</p> <p>Target Organs: This product contains toluene in one of its components. Overexposure to this can lead to hearing loss, liver damage, kidney damage, and central nervous system effects.</p> <p>Aggravated Medical Conditions: Allergies, chronic asthma may be exacerbated by fumes from this product. Heart arrhythmias or individuals with preexisting heart disorders. Those with preexisting conditions of the liver, kidney, CNS, male reproductive system, or auditory systems may be more susceptible if exposed to high concentrations of this materials.</p> <p>Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.</p> <p>Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.</p>
Inhalation	Harmful if inhaled
Eyes	Causes serious eye irritation
Skin	May be harmful in contact with skin. Causes skin irritation.

5. Fire-Fighting Measures

5.1. Extinguishing Media

CO₂, dry chemical, foam, sand.

5.2. Special Hazards Arising From The Substance Or Mixture

Hazardous decomposition: High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide. Keep away from heat, sparks, open flames, and hot surfaces - No smoking. Use explosion-proof electrical, ventilating, light, and equipment. Avoid breathing dust, fume, gas, mist, vapors, or spray. Do not get in eyes, on skin, or on clothing.

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.

Flammable! Treat as petroleum fire. Vapors may cause a flash fire or ignite explosively. Vapors may travel considerable distance to a source of ignition and flash back. Prevent buildup of vapors or gases to explosive concentrations. Cover pooling liquid with foam. Closed containers may explode if exposed to extreme heat.

ERG Guide No. 128

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

Take proper precautions to ensure your own health and safety before attempting spill control or clean-up. Review fire and explosion hazards and safety precautions before proceeding with cleanup. Evacuate all non-essential personnel from the area. 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. All equipment used must be grounded. 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

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. Incompatible materials: Isolate from strong oxidizers like chlorine or concentrated oxygen. 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
1330-20-7	Xylene	OSHA	TWA: 50 ppm (240 mg/m ³) skin
		ACGIH	TWA: 20 ppm, Revised 2003,
		NIOSH	TWA: 5 ppm (24 mg/m ³) skin
		Supplier	No Established Limit
1569-01-3	1-Propoxy-2-Propanol	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
8032-32-4	Aliphatic Hydrocarbon	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	TWA: 350 mg/m ³ C: 1800 mg/m ³ [15-minute]
		Supplier	No Established Limit
CAS No.	Ingredient	CARCINOGEN DATA	
		Source	Value
1330-20-7	Xylene	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;
1569-01-3	1-Propoxy-2-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;
8032-32-4	Aliphatic Hydrocarbon	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;

8.2. 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/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. All electrical equipment should comply with the National Electrical code. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. 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 liquid	Melting Point / Freezing Point	Not Measured
Odor	Light aromatic	Initial Boiling Point / Boiling Range	170°F to 385°F
Odor Threshold	Not Measured	Evaporation Rate (n-Butyl Acetate = 1)	1.0
Flashpoint	55°F	Upper / Lower Flammability or	Lower: 0.7%
pH	NA	Explosive Limits	Upper: 19.0%
Flammability (Solid, Gas)	NA	Partition Coefficient n-octanol/water (Log Kow)	Not Measured
Vapor Pressure (PA)	7.7 mm Hg @ 20°C	Solubility In Water	Partial
Vapor Density	2.6 (Air = 1)	Auto-Ignition Temperature	Not Measured
Specific Gravity	0.83	Decomposition Temperature	Not Measured
Density	6.90 lbs per gallon	Viscosity (cSt)	Not Measured
% Volatile	100	Photochemically Reactive	Yes
V.O.C. (Acetone Exempt)	830 gm/L, 100%, 6.90 lb/gal	Maximum Grams of V.O.C. per Liter	830

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: Isolate from oxidizers, heat, sparks and open flame.

10.5. Incompatible Materials: Isolate from strong oxidizers like chlorine or concentrated oxygen.

10.6. Hazardous Decomposition Products: High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

11. Toxicological Information

Acute Toxicity

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

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)
Xylene 1330-20-7	4,299.00 Rat Category: 5	1,548.00 Rabbit Category: 4	No Data Available	20.00 Rat Category: NA	5,000.00 Rat Category: 4
Aliphatic Hydrocarbon 8032-32-4	No Data Available	No Data Available	No Data Available	No Data Available	No Data Available
1-Propoxy-2-Propanol 1569-01-3	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)	5	May be harmful in contact with skin
Acute Toxicity (inhalation)	4	Harmful if inhaled
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)
Xylene 1330-20-7	3.30, Oncorhynchus Mykiss	8.50, Palaemonetes Pugio	100.00 (72 Hr), Chlorococcales
Aliphatic Hydrocarbon 8032-32-4	Not Available	Not Available	Not Available
1-Propoxy-2-Propanol 1569-01-3	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

Discharge, treatment or disposal may be subject to Federal, State (provincial in Canada) or local laws. If this product becomes a waste, it should be handles as a hazardous waste and sent to a RCRA approved waste facility as Ignitable Waste, EPA I.D. #D001. Methods of disposal include reclamation and fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

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14. Transport Information

NON-BULK DOMESTIC GROUND

This material is 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 Shipping Name: UN 1993, Flammable Liquid, N.O.S. (Contains Xylene and Petroleum Distillates)
RQ Xylene (Mixed) 55 Gallons or greater

Hazard Class: 3

UN No.: UN 1993

Packing Group: II

Guide No: 128

Additional Information: May be shipped as a LIMITED QUANTITY when transported in containers no larger than 1.0 L (0.3 gallons), in packages not exceeding 30 kg (66 lbs) gross mass. 49 CFR 173.150 (b)(2).

BULK DOMESTIC GROUND

This material is not available for domestic ground shipment in bulk (a packaging which has a maximum capacity greater than 119 gallons as a receptacle for a liquid).

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: UN 1993, Flammable Liquid, N.O.S. (Contains Xylene and Petroleum Distillates)

UN No.: UN 1993

Packing Group: II

IMDG: 3

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 B2, D2B

US EPA Tier II Hazards **Fire:** Yes **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: Xylene and Ethylbenzene.

California PROP 65: This product contains a mixture which includes trace amounts of Benzene and Toluene. The following information is required by the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986, or Proposition 65. This regulation does not address de minimus levels; therefore, even trace amounts of the chemicals included on Proposition 65's list of chemicals known to the State of California to cause cancer or reproductive toxicity must be noted with the "Safe Harbor" wording. **WARNING:** This product contains Benzene known to the State of California to cause cancer and Toluene known to cause birth defects or other reproductive harm.

EPCRA 311/312 Chemicals and RQs (Lbs): Xylene (100)

EPCRA 313 Toxic Chemicals: Xylene

Proposition 65 - Developmental Toxins (>0.0%): Listed Above

Proposition 65 - Male Repro Toxins (>0.0%): Listed Above

Penn RTK Substances (>1%) : Aliphatic Hydrocarbon, Xylene

EPCRA 302 Extremely Hazardous: None Listed

Proposition 65 - Carcinogens (>0.0%): Listed Above

Proposition 65 - Female Repro Toxins (>0.0%): Listed Above

N.J. RTK Substances (>1%): Aliphatic Hydrocarbon, Xylene

16. Other Information

HMIS

Health: 2
Flammability: 3
Reactivity: 0
Protective: X

SCAQMD Rule 443.1

Photochemically Reactive: Yes
Maximum Grams of VOC per Liter: 830 gm/L
Vapor Pressure: 7.7 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:

H226 Flammable liquid and vapor
H304 May be fatal if swallowed and enters airways
H312 Harmful in contact with skin
H315 Causes skin 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.

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