

**Network FPC:**Emulsion Plate Cleaner, Finisher, & Gum Preservative SDS Revision Date:
5/1/2015**1. Identification Of The Substance / Mixture And Of The Company / Undertaking****1.1. Product Identifier**

Product Identity **#1 NETWORK FPC**
Emulsion Plate Cleaner, Finisher, and Gum Preservative
Alternate Names Product Number: 806063, 805527, 23106

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

2.2. Label Elements

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

H227 Combustible Liquid

[Prevention]

P210 Keep away from heat, sparks, open flames, hot surfaces - No smoking
P280 Wear protective gloves, eye protection, face protection

[Response]

H312 Call a POISON CENTER or doctor / physician if you feel unwell

[Storage]

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

[Disposal]

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

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
Distillates (Petroleum), Hydrotreated Light (CAS No: 64742-47-8)	10 - 30	Asp. Tox. 1: H304	[1]
Solvent Naphtha (Petroleum), Heavy Aromatic (CAS No: 64742-94-5)	5 - 10	Asp. Tox. 1: H304 Aquatic Acute 2: H401 Aquatic Chronic 2: H411	[1]
Gum Arabic (CAS No: 9000-01-5)	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.
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.
Ingestion	Do not induce vomiting and get medical attention.

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

Overview	<p>Eye Contact: May cause irritation, redness, tearing, or blurred vision.</p> <p>Ingestion: Swallowing can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of materials into the lungs can cause chemical pneumonitis.</p> <p>Inhalation: Gas or vapor in high concentrations may irritate respiratory tract. Solvent vapors are hazardous and may cause coughing, sore throat, and runny nose. Depression of the central nervous system may occur with nausea, dizziness, weakness, fatigue, vomiting, and headaches.</p> <p>Skin Contact: May cause irritation and allergic skin reaction. Prolonged or repeated contact leads to drying of skin.</p> <p>Signs And Symptoms Of Exposure: Eye irritation, respiratory irritation, dermatitis, difficulty breathing, nausea, vomiting, headaches, skin irritation, mucus membrane irritation, or intoxication.</p> <p>Aggravated Medical Conditions: Allergies, chronic asthma may be exacerbated by fumes from this product.</p> <p>Supplemental Health Information: See section 2 for further details.</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>
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5. Fire-Fighting Measures

5.1. Extinguishing Media

Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray. Do not use: water jet.

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, hot surfaces - No smoking.

5.3. Advice For Firefighters

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

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

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 absorbent, non-combustible material and place in labeled containers for disposal. Remove spills promptly as they may make the floors slippery. Several washes and/or the use of detergents may be necessary to completely clean any spill.

7. Handling And Storage

7.1. Precautions For Safe Handling

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. - [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 oxidizers or strong bases. Store in a cool, dry, well-ventilated area. Storage temperatures should be between 40°F (4.4°C) and 80°F (26°C). Keep from freezing. Keep containers closed. Do not store with incompatible materials. 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
9000-01-5	Gum Arabic	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
64742-47-8	Distillates (Petroleum), Hydrotreated Light	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	Recommended 300 ppm PEL
64742-94-5	Solvent Naphtha (Petroleum), Heavy Aromatic	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
		CARCINOGEN DATA	
CAS No.	Ingredient	Source	Value
9000-01-5	Gum Arabic	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;
64742-47-8	Distillates (Petroleum), Hydrotreated Light	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;
64742-94-5	Solvent Naphtha (Petroleum), Heavy Aromatic	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	When this product is used in the intended way, no respiratory protection is anticipated to be necessary.
Eyes	Safety glasses with side shields (or goggles).
Skin	Protective clothing suitable for the exposure risk should be worn. Rubber gloves 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	Provide readily accessible eye wash stations and safety showers. 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	White, opaque liquid	Melting Point / Freezing Point	Not Measured
Odor	Hydrocarbon	Initial Boiling Point / Boiling Range	414°F to 441°F
Odor Threshold	Not Measured	Evaporation Rate	Not Measured
Flashpoint	> 175°F	Upper / Lower Flammability or	Lower: 0.7%
pH	NA	Explosive Limits	Upper: 6.0%
Flammability (Solid, Gas)	NA	Partition Coefficient n-octanol/water (Log Kow)	Not Measured
Vapor Pressure (PA)	Not Measured	Solubility In Water	Miscible
Vapor Density	> 1	Auto-Ignition Temperature	Not Measured
Specific Gravity	0.98	Decomposition Temperature	Not Measured
Density	8.15 lbs per gallon	Viscosity (cSt)	Not Measured
% Volatile	86.21	Photochemically Reactive	Yes
V.O.C.	261.2 gm/L, 27%, 2.18 lb/gal	Maximum Grams of V.O.C. per Liter	261.2

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:** Keep away from heat, flame and other potential ignition sources.
- 10.5. Incompatible Materials:** Strong oxidizers or strong bases
- 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)
Distillates (Petroleum), Hydrotreated Light 64742-47-8	> 5,000.00 Rat Category: NA	> 2,000.00 Rabbit Category: 5	No Data Available	No Data Available	No Data Available
Solvent Naphtha (Petroleum), Heavy Aromatic 64742-94-5	> 5,000.00 Rat Category: NA	> 2,000.00 Rabbit Category: 5	No Data Available	No Data Available	No Data Available
Gum Arabic 9000-01-5	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	---	Not Applicable
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

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and GHS and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment. See Section 3 for details.

AQUATIC ECOTOXICITY

Ingredient	96 Hr LC50 Fish (mg/L)	48 Hr EC50 Crustacea (mg/L)	ERC50 Algae (mg/L)
Distillates (Petroleum), Hydrotreated Light 64742-47-8	45.00, Pimephales Promelas	4,720.00, Dendronereides Heteropoda	Not Available
Solvent Naphtha (Petroleum), Heavy Aromatic 64742-94-5	45.00, Pimephales Promelas	12.00, Daphnia Magna	2.50 (72 Hr), Skeletonema Costatum
Gum Arabic 9000-01-5	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 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 Petroleum Distillates)
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

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	Naphthalene is a component in this chemical present above minimum amounts listed by IARC, NTP, or OSHA as a carcinogen.
WHMIS Classification	B3
US EPA Tier II Hazards	Fire: Yes Sudden Release of Pressure: No Reactive: No Immediate (Acute): No 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 less than 1% of: Naphthalene and 1, 2, 4 Trimethylbenzene.
California PROP 65:	This product contains a mixture which includes Naphthalene and 1, 2, 4 Trimethylbenzene. 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, Naphthalene, and Toluene known to cause cancer, birth defects, or other reproductive harm.
EPCRA 311/312 Chemicals and RQs:	None Listed
EPCRA 313 Toxic Chemicals:	Listed Above
Proposition 65 - Developmental Toxins (>0.0%):	Listed Above
Proposition 65 - Male Repro Toxins (>0.0%):	Listed Above
Penn RTK Substances (>1%) :	None Listed
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%):	None Listed

16. Other Information

HMIS

Health:	2
Flammability:	1
Reactivity:	0

SCAQMD Rule 443.1

Photochemically Reactive:	Yes
Maximum Grams of VOC per Liter:	261.2 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:

H304	May be fatal if swallowed and enters airways
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

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.