

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

Product Identity **NETWORK CAL-11**
California Compliant Blanket & Roller Wash For Conventional Inks
Alternate Names Product Number: 806713, 806717, 806714, 806715, 26713

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
Skin Irrit. 3; H316 Causes mild skin irritation
Eye Irrit. 2; H319 Causes serious eye irritation
Repr. 2; H361F Suspected of damaging fertility

2.2. Label Elements

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

Signal Word: **WARNING!**



H227 Combustible liquid
H316 Causes mild skin irritation
H319 Causes serious eye irritation
H361F Suspected of damaging fertility

[Prevention]

P201 Obtain special instructions before use
P202 Do not handle until all safety precautions have been read and understood
P210 Keep away from heat, sparks, open flames, hot surfaces - No smoking
P264 Wash thoroughly after handling
P280 Wear protective gloves, eye protection, and face protection

[Response]

P305 + P351 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present, continue rinsing.
P308 + P313 IF exposed or concerned: Get medical advice / attention
P332 + P313 If skin irritation occurs: Get medical advice / attention
P337 + P313 If eye irritation persists: Get medical advice / attention

[Storage]

P403 + P235 Store in a well ventilated place. Keep cool.
P405 Store locked up

[Disposal]

P501 Dispose of contents and 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 Paraffinic; Baseoil-Unspecified (CAS No: 64742-55-8)	65 - 75	Not Classified	[1]
Soybean Oil, Me Ester (CAS No: 67784-80-9)	10 - 20	Not Classified	[1]
p-Chloro-a, a, a-Trifluorotoluene (CAS No: 98-56-6)	5 - 10	Flam. Liq. 3: H226 Skin Irrit. 2: H315 Eye Irrit. 2: H319 STOT SE 3: H335	[1]
Cyclotetrasiloxane, Octamethyl (CAS No: 556-67-2)	5 - 10	Repr. 2: H361F Aquatic Chronic 4: H413	[1][3]
Decamethylcyclopentasiloxane (CAS No: 541-02-6)	5 - 10	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.

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: If swallowed, DO NOT induce vomiting. Give large quantities of water. Call a physician or poison control center. This is an aspiration hazard.

4.2. Most Important Symptoms And Effects, Both Acute And Delayed (Overview)

Eye Contact: May cause mild irritation. Symptoms include stinging, tearing, and redness.

Inhalation: Gas or vapor in high concentrations may irritate respiratory tract.

Ingestion: Swallowing small amounts of this material during normal handling is not likely to cause harmful effects.

Skin Contact: May cause mild irritation and allergic skin reaction.

Signs And Symptoms Of Exposure: Eye irritation, respiratory irritation, dermatitis, nausea, skin and mucus membrane irritation.

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. See Section 2 for further details.

Eyes: Causes serious eye irritation.

Skin: Causes mild skin irritation.

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

Oil soaked rags can cause spontaneous combustion if not handled properly. Wash rags with soap and water before disposal. Hazardous decomposition: Carbon dioxide, carbon monoxide and various hydrocarbons. Keep away from heat, sparks, open flames, hot surfaces - No smoking.

5.3. Advice For Firefighters

This material must be heated before ignition will occur. Containers may explode in heat or fire. Wear self-contained breathing apparatus with full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment. Eliminate all ignition sources. Containers close to the fire should be removed or cooled with water. Do not get water inside container.

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). Oil soaked rags can cause spontaneous combustion if not handled properly. Wash rags with soap and water before disposal.

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

Oil soaked rags can cause spontaneous combustion if not handled properly. Wash rags with soap and water before disposal.

7. Handling And Storage

7.1. Precautions For Safe 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

Store in closed containers between 50°F and 120°F. 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. 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. Incompatible materials: Strong oxidizing agents. 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. 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
98-56-6	p-Chloro-a, a, a-Trifluorotoluene	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
541-02-6	Decamethylcyclopentasiloxane	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
556-67-2	Cyclotetrasiloxane, Octamethyl	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
64742-55-8	Distillates (Petroleum), Hydrotreated Light Paraffinic; Basoil-Unspecified	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
67784-80-9	Soybean Oil, Me Ester	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

CARCINOGEN DATA

CAS No.	Ingredient	Source	Value
98-56-6	p-Chloro-a, a, a-Trifluorotoluene	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;
541-02-6	Decamethylcyclopentasiloxane	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;
556-67-2	Cyclotetrasiloxane, Octamethyl	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;
64742-55-8	Distillates (Petroleum), Hydrotreated Light Paraffinic; Basoil-Unspecified	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;
67784-80-9	Soybean Oil, Me 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;

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	Protective clothing suitable for the exposure risk should be worn. Chemical impervious gloves required.
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. Promptly remove soiled clothing and wash thoroughly before reuse. See Section 2 for further details. [Prevention]

9. Physical And Chemical Properties

9.1.			
Appearance	Clear, light yellow liquid	Melting Point / Freezing Point	Not Defined
Odor	Hydrocarbon	Initial Boiling Point / Boiling Range	> 139°F - 392°F
Odor Threshold	Not Defined	Evaporation Rate	Not Defined
Flashpoint	> 165°F	Upper / Lower Flammability or	Lower: Not Defined
pH	Not Defined	Explosive Limits	Upper: Not Defined
Flammability (Solid, Gas)	Not Defined	Partition Coefficient n-octanol/water (Log Kow)	Not Defined
Vapor Pressure (PA)	< 0.2 mm Hg @ 20°C	Solubility In Water	Water Miscible
Vapor Density	Not Defined	Auto-Ignition Temperature	Not Defined
Specific Gravity	0.87	Decomposition Temperature	Not Defined
Density	7.27 lbs per gallon	Viscosity (cSt)	Not Defined
% Volatile	NA	Photochemically Reactive	No
V.O.C.	98 gm/L, 11%, 0.82 lb/gal	Maximum Grams of V.O.C. per Liter	98

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 oxidizing agents, excessive heat, and ignition sources.
- 10.5. Incompatible Materials:** Strong oxidizing agents.
- 10.6. Hazardous Decomposition Products:** Carbon dioxide, carbon monoxide and various hydrocarbons.

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 Paraffinic; Basoil-Unspecified 64742-55-8	> 5,000.00 Rat Category: NA	> 2,000.00 Rabbit Category: 5	No Data Available	No Data Available	No Data Available
Soybean Oil - Me Ester 67784-80-9	No Data Available	No Data Available	No Data Available	No Data Available	No Data Available
p-Chloro-a, a, a-Trifluoro-toluene 98-56-6	13,000.00 Rat Category: NA	No Data Available	33.00 Rat Category: NA	No Data Available	No Data Available
Cyclotetrasiloxane, Octamethyl 556-67-2	2,000.00 Rat Category: 4	4,640.00 Rabbit Category: 5	36.00 Rat Category: NA	No Data Available	No Data Available
Decamethylcyclopentasiloxane 541-02-6	61,310.00 Rat Category: NA	15,328.00 Rabbit Category: NA	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	3	Causes mild 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	2	Suspected of damaging fertility
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 Paraffinic; Baseoil-Unspecified 64742-55-8	Not Available	Not Available	Not Available
Soybean Oil, Me Ester 67784-80-9	Not Available	Not Available	Not Available
p-Chloro-a, a, a-Trifluorotoluene 98-56-6	11.50, Lepomis Macrochirus	3.68, Daphnia Magna	Not Available
Cyclotetrasiloxane, Octamethyl 556-67-2	200.00, Leuciscus Idus	25.20, Daphnia Magna	Not Available
Decamethylcylopentasiloxane 541-02-6	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 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 NAFTA 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: B3, D2A

US EPA TIER II HAZARDS: Fire: Yes Sudden Release of Pressure: No Reactive: No Immediate (Acute): Yes Delayed (Chronic): No

EPCRA SECTION 302 - EXTREMELY HAZARDOUS SUBSTANCE REPORTING: None listed.

EPCRA SECTION 311/312 - HAZARDOUS CHEMICAL REPORTING & RQ'S: None listed.

EPCRA SECTION 313 - TOXIC CHEMICAL REPORTING: None listed.

CALIFORNIA PROP 65: None listed.

U.S. STATE RIGHT TO KNOW LISTS

None listed.

16. Other Information

HMIS		SCAQMD Rule 443.1	
Health:	1	Photochemically Reactive:	No
Flammability:	1	Maximum Grams of VOC per Liter:	98 gm/L
Reactivity:	0	Vapor Pressure:	< 0.2 mm Hg @ 20°C
Personal:	B		

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

H226	Flammable liquid and vapor
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H361F	Suspected of damaging fertility
H413	May cause long lasting harmful effects to aquatic life

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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