

# SAFETY DATA SHEET (S.D.S.)

Revision Date: 2/9/2015

## 1 PRODUCT AND COMPANY IDENTIFICATION

### Supplier

General Products & Supply, Inc.  
101 Technology Lane  
Export, PA 15632

**Phone:** 800-548-2080

**Product Name:** SURE FLOW  
**Product Code:** LUC109  
**Revision Date:** 2/9/2015  
**CAS Number:** Blend  
**Synonyms:** Diesel Fuel Conditioner

For emergencies: 800-255-3924

## 2 HAZARDS IDENTIFICATION

GHS Signal Word:  
WARNING

GHS Hazard Pictograms:



GHS Classifications:  
Health, Specific target organ toxicity - Single exposure, 3  
Health, Carcinogenicity, 2  
Environmental, Hazards to the aquatic environment - Chronic, 2  
Physical, Flammable Liquids, 3

GHS Phrases:  
H335 - May cause respiratory irritation  
H336 - May cause drowsiness or dizziness  
H351 - Suspected of causing cancer  
H411 - Toxic to aquatic life with long lasting effects  
H226 - Flammable liquid and vapor

GHS Precautionary Statements:  
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking  
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.  
P273 - Avoid release to the environment.  
P240 - Ground/bond container and receiving equipment.

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<b>3</b>	<b>COMPOSITION/INFORMATION ON INGREDIENTS</b>
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**Ingredients:**

Chemical Name	Percentage	CAS#
Heavy aromatic solvent naphtha	60.0 - 80.0	64742-94-5
Naphthalene	< 10.0	91-20-3
Light aromatic solvent naphtha	5.0 - 15.0	64742-95-6
1,2,4-Trimethylbenzene	< 5.0	95-63-6
Xylene	< 0.5	1330-20-7
Cumene	< 0.2	98-82-8
Vinyl acetate	< 0.1	108-05-4

<b>4</b>	<b>FIRST AID MEASURES</b>
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**Inhalation:** If symptoms develop, move victim to fresh air.  
If symptoms persist, obtain medical attention.

**Skin Contact:** Wash with soap and water.  
Remove contaminated clothing and wash before reuse.  
Get medical attention if needed.

**Eye Contact:** Flush with water for several minutes.  
If effects occur, consult a physician.

**Ingestion:** Rinse mouth with water and drink 2-4 cups of water.  
Get immediate medical attention.

Note to Physician:  
Activated charcoal may be administered.

<b>5</b>	<b>FIRE FIGHTING MEASURES</b>
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**Flash Point:** 42.2 C (108.0 F)  
**Flash Point Method:** TCC

Use dry powder, foam, or carbon dioxide fire extinguishers.  
 Water may be ineffective unless used by experienced fire fighters.

<b>6</b>	<b>ACCIDENTAL RELEASE MEASURES</b>
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Eliminate sources of ignition - Heat, sparks, flame, and electricity  
 Contain spilled material.  
 Collect in suitable and properly labeled containers.  
 Pick up excess with inert absorbant material  
 Keep away from drains and ground water.

<b>7</b>	<b>HANDLING AND STORAGE</b>
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**Handling Precautions:** Avoid contact with eyes, skin, or clothing.  
Keep away from sources of ignition.  
Handle with care and avoid spillage on the floor (slippage).  
Ground and bond containers when transferring material

**Storage Requirements:** Keep away from sources of ignition.  
Store in a tightly closed container

<b>8</b>	<b>EXPOSURE CONTROLS/PERSONAL PROTECTION</b>
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**Engineering Controls:** All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).

**Personal Protective Equip:** Use of safety glasses and gloves are recommended.

**EXPOSURE GUIDELINES:  
NAPHTHALENE**

OSHA PEL: 10 ppm, 50 mg/m<sup>3</sup>  
OSHA TWA: 10 ppm, 50 mg/m<sup>3</sup>  
ACGIH TWA: 10 ppm, 52 mg/m<sup>3</sup>  
OSHA STEL: 15 ppm, 75 mg/m<sup>3</sup>  
ACGIH STEL: 15 ppm, 79 mg/m<sup>3</sup>

**SOLVENT NAPHTHA, PETROLEUM, LIGHT AROM.**  
OSHA TWA: 500 ppm

**1,2,4-TRIMETHYLBENZENE**  
ACGIH TWA: 25 ppm

**XYLENE**  
OSHA TWA: 100 ppm, 435 mg/m<sup>3</sup>  
ACGIH TWA: 100 ppm, 434 mg/m<sup>3</sup>  
OSHA STEL: 150 ppm, 655 mg/m<sup>3</sup>  
ACGIH STEL: 150 ppm, 651 mg/m<sup>3</sup>

**CUMENE**  
OSHA PEL: 50 ppm  
OSHA TWA: 50 ppm, 245 mg/m<sup>3</sup>  
ACGIH TWA: 50 ppm, 246 mg/m<sup>3</sup>

<b>9</b>	<b>PHYSICAL AND CHEMICAL PROPERTIES</b>
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<b>Appearance:</b>	Amber	<b>Solubility:</b>	Nil in water
<b>Physical State:</b>	Liquid		
<b>Spec Grav./Density:</b>	7.49 pounds per gallon at 60 Deg F		

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<b>10</b>	<b>STABILITY AND REACTIVITY</b>
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**Stability:** Product is stable under normal conditions.  
**Conditions to Avoid:** High temperatures above 50 C (122 F) and open flame.  
**Materials to Avoid:** Avoid strong oxidizing agents.  
May burn or react violently to flourine/oxygen mixtures.

<b>11</b>	<b>TOXICOLOGICAL INFORMATION</b>
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Repeated skin contact with this product may cause dermatitis or an oil acne.  
No component is listed as a carcinogen, mutagen, or teratogen.

**EYE EFFECTS:**

Vinyl Acetate is a severe eye irritant (rabbit).  
Solvent Petroleum Naphtha, slightly irritating (rabbit).

**SKIN EFFECTS:**

Vinyl Acetate is a slight skin irritant. Skin absorption LD50 is 2,335 mg/kg in rabbits for Vinyl Acetate.  
Solvent Petroleum Naphtha, no deaths reported at 4 ml/kg (Rat). Slightly irritating (rabbit, 4 hour(s)).

**ACUTE ORAL EFFECTS:**

Oral LD50 for Vinyl Acetate Monomer is 2,920 mg/kg in rats.  
Solvent Petroleum Naphtha, LD50, 10 ml/kg in rats.  
Naphthalene, Oral LD50, 2600 mg/kg (rat)

**ACUTE INHALATION EFFECTS:**

Inhalation 4 hour LC50 is 4,000 ppm in rats for Vinyl Acetate Monomer.  
Solvent Petroleum Naphtha, no deaths at 710 ppm (v) (Rat) 4 Hour (s).

<b>12</b>	<b>ECOLOGICAL INFORMATION</b>
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Avoid exposing to the environment, no specific aquatic data available

<b>13</b>	<b>DISPOSAL CONSIDERATIONS</b>
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Dispose of in accordance with local regulations.  
Do not flush to surface water or drains

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<b>14</b>	<b>TRANSPORT INFORMATION</b>
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UN #: NA 1993, Class: -, Proper Shipping Name: Combustible liquid, n.o.s.

**MISCELLANEOUS:**

This material is not regulated for US DOT transportation in quantities less than 119 Gallons.

If shipping overseas, or via air, the proper shipping name is: Flammable liquid, n.o.s., (Contains Petroleum Naphtha, 1,2,4-Trimethylbenzene), 3, UN1993, PGIII.

<b>15</b>	<b>REGULATORY INFORMATION</b>
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This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substances Control Act (TSCA) and the Canadian Domestic Substance List (DSL).

**REGULATORY DISCLOSURES:**

**New Jersey Right to Know list:**

1,2,4-Trimethylbenzene, CAS #95-63-6, < 5.0 %.  
Naphthalene, CAS # 91-20-3, < 10.0 %.  
Cumene, CAS # 98-82-8, < 0.2 %.  
Xylene, CAS # 1330-20-7, < 0.5 %.

**Pennsylvania Right to Know List:**

1,2,4-Trimethylbenzene, CAS #95-63-6, < 5.0 %.  
Cumene, CAS # 98-82-8, < 0.2 %.  
Xylene, CAS # 1330-20-7, < 0.5 %.  
Naphthalene, CAS # 91-20-3, < 10.0 %.

**Canadian Disclosure List**

NAPHTHALENE (91-20-3)  
1,2,4-TRIMETHYLBENZENE (95-63-6)

**SARA Title III - Section 313**

NAPHTHALENE (91-20-3)  
1,2,4-TRIMETHYLBENZENE (95-63-6)  
CUMENE (98-82-8)  
VINYL ACETATE MONOMER (108-05-4)

**CERCLA Hazardous Substances**

NAPHTHALENE (91-20-3) -- RQ 100 lb  
XYLENE (1330-20-7) -- RQ 1000 lb  
CUMENE (98-82-8) -- RQ 5000 lb  
VINYL ACETATE MONOMER (108-05-4) -- RQ 5000 lb

**RCRA Hazardous Substances**

NAPHTHALENE (91-20-3) -- RCRA Code: U165  
XYLENE (1330-20-7) -- RCRA Code: U239  
CUMENE (98-82-8) -- RCRA Code: U055

**Clean Air Act - Section 112**

VINYL ACETATE MONOMER (108-05-4)

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**Title V**

NAPHTHALENE (91-20-3)  
1,2,4-TRIMETHYLBENZENE (95-63-6)  
XYLENE (1330-20-7)  
CUMENE (98-82-8)  
VINYL ACETATE MONOMER (108-05-4)

**SC Toxic Air Pollutants List**

NAPHTHALENE (91-20-3)  
XYLENE (1330-20-7)  
CUMENE (98-82-8)  
VINYL ACETATE MONOMER (108-05-4)

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**OTHER INFORMATION**

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