



SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product identifier used on the label

: **Sludge Be Gone (SBG)**

Product Code(s)

: US Product Codes: 00342, 90342, 00359P, 00360
Canada Product Codes: 00424, 90424

Recommended use of the chemical and restrictions on use

: Fuel oil treatment No restrictions on use known. .

Chemical family

: Mixture.

Name, address, and telephone number of the manufacturer:

FPPF Chemical Company, Inc.

117 West Tupper Street
Buffalo, NY, USA
14201

Manufacturer's Telephone # : 1-800-735-3773

24 Hr. Emergency Tel # : Chemtrec 1-800-424-9300 (Within Continental U.S.); Chemtrec 703-527-3887 (Outside U.S.).

Name, address, and telephone number of the supplier:

Refer to manufacturer

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

Colourless to slightly hazy liquid. Butyl odour.

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

Classification:

Flammable Liquid - Category 3
Acute Toxicity, oral - Category 4
Acute Toxicity, dermal - Category 3
Acute Toxicity, inhalation - Category 3 (vapor)
Skin Corrosion/Irritation - Category 2
Eye Damage/Irritation - Category 2A
Aspiration Toxicity - Category 1
Specific Target Organ Toxicity, Single Exposure - Category 3 (cns)

Label elements

Hazard pictogram(s)



Signal Word

DANGER!

Hazard statement(s)

Flammable liquid and vapour
Harmful if swallowed.
Toxic in contact with skin.
Toxic if inhaled.
Causes skin irritation.
Causes serious eye damage.
May be fatal if swallowed and enters airways.
May cause drowsiness and dizziness.

Precautionary statement(s)

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Keep away from heat, sparks and open flame. - No smoking. Keep container tightly closed.

Ground/Bond container and receiving equipment. Use explosion-proof electrical and ventilating equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

Wear protective gloves and eye/face protection. Avoid breathing mist or vapours. Use only outdoors or in a well-ventilated area. Wear protective gloves/clothing and eye/face protection. Wash hands and face thoroughly after handling. Do not eat, drink or smoke when using this product.

In case of fire, use dry chemical, CO₂, or alcohol foam to extinguish.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician.

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. Call a POISON CENTRE or doctor/physician if you feel unwell. If skin irritation occurs, get medical advice/attention. Wash contaminated clothing before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician. Do NOT induce vomiting. Rinse mouth.

Store in a well-ventilated place. Keep cool. Store locked up. Keep tightly closed.

Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards

No OSHA defined hazard classes.

Other hazards which do not result in classification: May be sensitive to static discharge. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Burning produces obnoxious and toxic fumes. Prolonged or repeated contact may cause drying, cracking and defatting of the skin.

Environmental precautions: Avoid release to the environment. See ECOLOGICAL INFORMATION, Section 12.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>Common name and synonyms</u>	<u>CAS #</u>	<u>Concentration</u>
Stoddard solvent (mineral spirits)	Mineral spirits White spirit	8052-41-3	20.0 - 30.0
Ethylene glycol monobutyl ether	2-Butoxyethanol; EGBE; 2-Butoxy-1-ethanol	111-76-2	70.0 - 80.0
oleic acid	Oleic acid; 9-Octadecenoic acid Elaic acid	112-80-1	1.0 - 5.0

The exact concentrations of the above listed chemicals are being withheld as a trade secret.

SECTION 4. FIRST-AID MEASURES

Description of first aid measures

- Ingestion* : IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician. Do NOT induce vomiting. Rinse mouth. Aspiration hazard if swallowed - can enter lungs and cause damage. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration. Never give anything by mouth to a person who is unconscious or is having convulsions
- Inhalation* : IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen by qualified medical personnel only.
- Skin contact* : IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a POISON CENTER or doctor/physician if you feel unwell. If skin irritation occurs, get medical advice/attention. Wash contaminated clothing before re-use.
- Eye contact* : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

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Most important symptoms and effects, both acute and delayed

- : Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Symptoms may include severe abdominal pain, nausea and vomiting. Toxic if inhaled. Symptoms may include coughing, choking and wheezing. May cause respiratory impairment and lung damage.
- Toxic in contact with skin. May be absorbed through the skin, producing symptoms similar to ingestion or inhalation.
- Causes skin irritation. Symptoms may include redness, itching and swelling.
- Causes serious eye damage. Symptoms may include redness, pain, tearing and conjunctivitis.
- May cause drowsiness and dizziness. Symptoms may include pain, headache, nausea, vomiting, dizziness, drowsiness and other central nervous system effects.
- May be fatal if swallowed and enters airways. Aspiration hazard - material may cause lung inflammation or damage if it enters lungs through vomiting or swallowing. Symptoms include coughing, shortness of breath and wheezing.

Prolonged overexposure may cause slight liver and kidney effects, such as increased organ weights. Prolonged or repeated contact may cause drying, cracking and defatting of the skin. Chronic overexposure to 2-butoxyethanol may cause liver, kidney and blood damage, based on animal data.

Indication of any immediate medical attention and special treatment needed

- : Immediate medical attention is required. Provide general supportive measures and treat symptomatically. Show this safety data sheet to the doctor in attendance.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

- : Dry chemical, foam, carbon dioxide and water fog.

Unsuitable extinguishing media

- : Do not use a solid water stream as it may scatter and spread fire.

Special hazards arising from the substance or mixture / Conditions of flammability

- : Flammable liquid and vapour Keep away from heat, sparks, and open flames. Product may float, and be re-ignited at the water's surface. Vapours are heavier than air and collect in confined and low-lying areas. Vapors may travel considerable distance to a source of ignition and flash back. This product will accumulate static charge by flow, splashing or agitation. After prolonged storage, may release explosive peroxides in the presence of air. Rate of peroxide formation is not known. Closed containers may build up pressure when exposed to heat and flame.

Flammability classification (OSHA 29 CFR 1910.106)

- : Flammable Liquid - Category 3

Hazardous combustion products

- : Irritating or noxious fumes, acrid smoke, and carbon oxides.

Special protective equipment and precautions for firefighters

Protective equipment for fire-fighters

- : Firefighters should wear an approved full-face, self-contained breathing apparatus (SCBA) and impervious clothing. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

Special fire-fighting procedures

- : Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply or any natural waterway. Dike for water control.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- : Evacuate personnel to safe areas. Keep all other personnel upwind and away from the spill/release. All persons dealing with clean-up should wear the appropriate protective equipment including self-contained breathing apparatus. Restrict access to area until completion of clean-up. Refer to protective measures listed in sections 7 and 8.

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Environmental precautions : Ensure spilled product does not enter drains, sewers, waterways, or confined spaces. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply.

Methods and material for containment and cleaning up : Ventilate the area. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so. Use only non-sparking tools. Bond and ground transfer containers and equipment to avoid static accumulation. For spilled liquids: absorb spill with inert, non-combustible material such as sand, then place into suitable containers. Do not use combustible absorbents, such as sawdust. Pick up and transfer to properly labelled containers. Contaminated absorbent material may pose the same hazards as the spilled product. Contact the proper local authorities.

Special spill response procedures : In case of a transportation accident, in the United States contact CHEMTREC at 1-800-424-9300 or International at 1-703-527-3887. If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8002).
US CERCLA Reportable quantity (RQ): None.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

: Use only outdoors or in a well-ventilated area. Keep away from heat, sparks and open flame. - No smoking. Keep container tightly closed. Ground/Bond container and receiving equipment. Use explosion-proof electrical and ventilating equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/clothing and eye/face protection. Avoid breathing vapour or mist. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Do not ingest. Avoid contact with skin, eyes and clothing. Avoid contact with incompatible materials.

Conditions for safe storage : Store in well-ventilated place. Keep cool. Store locked up. Keep container tightly closed. Store away from incompatibles and out of direct sunlight. Take measures to prevent the build up of electrostatic charge. After prolonged storage, may release explosive peroxides in the presence of air. Direct sunlight or heat may accelerate the release of peroxides. Rate of peroxide formation is not known. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks. No smoking in the area.

Incompatible materials : Strong oxidizing agents Strong acids Alkali metals Alkaline earth metals

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

<u>Chemical Name</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Stoddard solvent (mineral spirits)	100 ppm	N/Av	500 ppm (2900 mg/m ³)	N/Av
Ethylene glycol monobutyl ether	20 ppm	N/Av	50 ppm (skin)	N/Av
oleic acid	N/Av	N/Av	N/Av	N/Av

Exposure controls

Ventilation and engineering measures

: Use only outdoors or in a well-ventilated area. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. Use explosion-proof equipment. In case of insufficient ventilation wear suitable respiratory equipment.

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- Respiratory protection** : If engineering controls and work practices are not effective in controlling exposure to this material, then wear suitable approved respiratory protection. If the TLV is exceeded, a NIOSH/MSHA-approved respirator is advised. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134) or CSA Z94.4-02.
- Skin protection** : Wear protective gloves/clothing. Where extensive exposure to product is possible, use resistant coveralls, apron and boots to prevent contact. The suitability for a specific workplace should be discussed with the producers of the protective gloves.
- Eye / face protection** : Wear eye/face protection. Chemical splash goggles are recommended. A full face shield may also be necessary.
- Other protective equipment** : Ensure that eyewash stations and safety showers are close to the workstation location. Other equipment may be required depending on workplace standards.
- General hygiene considerations** : Avoid breathing vapour or mist. Avoid contact with skin, eyes and clothing. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove and wash contaminated clothing before re-use. Do not take contaminated clothing home. Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** : Clear to slightly hazy liquid.
- Odour** : Butyl odour.
- Odour threshold** : N/Av
- pH** : N/Av
- Melting/Freezing point** : N/Av
- Initial boiling point and boiling range** : Approximately >154°C / >310°F
- Flash point** : 42.8°C / 109°F
- Flashpoint (Method)** : Tag closed cup
- Evaporation rate (BuAe = 1)** : N/Av
- Flammability (solid, gas)** : N/Av
- Lower flammable limit (% by vol.)** : N/Av
- Upper flammable limit (% by vol.)** : N/Av
- Oxidizing properties** : None known.
- Explosive properties** : N/Av
- Vapour pressure** : N/Av
- Vapour density** : >1
- Relative density / Specific gravity** : 0.818
- Solubility in water** : Partially soluble.
- Other solubility(ies)** : N/Av
- Partition coefficient: n-octanol/water or Coefficient of water/oil distribution** : N/Av
- Auto-ignition temperature** : N/Av
- Decomposition temperature** : N/Av
- Viscosity** : N/Av
- Volatiles (% by weight)** : 98%(approximately)
- Volatile organic Compounds (VOC's)** : N/Av
- Absolute pressure of container** : N/Av
- Flame projection length** : N/Av
- Other physical/chemical comments** : None reported by the manufacturer.

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SECTION 10. STABILITY AND REACTIVITY

Reactivity	: Not normally reactive.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: Hazardous polymerization will not occur. May be sensitive to static discharge. May form explosive peroxides during prolonged exposure to air and heat.
Conditions to avoid	: Keep away from heat, sparks and flame. Keep away from direct sunlight. Ensure adequate ventilation, especially in confined areas. Take precautionary measures against static discharge. Avoid contact with incompatible materials.
Incompatible materials	: Strong oxidizing agents Strong acids Alkali metals Alkaline earth metals
Hazardous decomposition products	: None reported. Refer also to hazardous combustion products, Section 5.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry inhalation	: YES
Routes of entry skin & eye	: YES
Routes of entry Ingestion	: YES
Routes of exposure skin absorption	: YES

Potential Health Effects:

Signs and symptoms of short-term (acute) exposure

Sign and symptoms Inhalation

- : Toxic if inhaled. Inhalation of vapors or mists may cause irritation to the nose, throat and upper respiratory tract. Symptoms may include pain, headache, nausea, vomiting, dizziness, drowsiness and other central nervous system effects. May cause coughing and breathing difficulties.

Sign and symptoms ingestion

- : Harmful if swallowed. Ingestion may cause symptoms similar to inhalation. Symptoms may include severe abdominal pain, nausea and vomiting. Ingestion may irritate digestive tract and cause nausea, vomiting and diarrhea. May be fatal if swallowed and enters airways. Aspiration hazard - material may cause lung inflammation or damage if it enters lungs through vomiting or swallowing. Symptoms include coughing, shortness of breath and wheezing.

Sign and symptoms skin

- : Toxic in contact with skin. May be absorbed through the skin, producing symptoms similar to ingestion or inhalation. Causes skin irritation. Symptoms include: Dryness, itching, cracking, burning, redness and swelling.

Sign and symptoms eyes

- : Causes serious eye irritation. Symptoms may include redness, pain, tearing and conjunctivitis.

Potential Chronic Health Effects

- : Chronic overexposure to 2-butoxyethanol may cause liver, kidney and blood damage, based on animal data. Prolonged or repeated contact may cause drying, cracking and defatting of the skin.

Mutagenicity : Not expected to be mutagenic in humans.

Carcinogenicity : No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

Reproductive effects & Teratogenicity

- : Not expected to be cause reproductive effects.

Sensitization to material : Not expected to be a respiratory sensitizer.
Not expected to be a skin sensitizer.

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Specific target organ effects : Eyes, skin, respiratory system, digestive system, central nervous system.

This material is not classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

Classification:

Specific Target Organ Toxicity, Single Exposure - Category 3 (cns) May cause drowsiness or dizziness.

Not classified as a specific target organ toxicity-repeated exposure.

Medical conditions aggravated by overexposure

: Pre-existing skin, eye, respiratory and central nervous system disorders.

Synergistic materials

: None reported by the manufacturer.

Toxicological data

: The calculated ATE values for this mixture are:

ATE oral =706mg/kg

ATE dermal =400mg/kg

ATE inhalation (vapours) =2.8mg/L/4H

See below for individual ingredient acute toxicity data.

<u>Chemical name</u>	<u>LC₅₀(4hr)</u>	<u>LD₅₀</u>	
	<u>inh, rat</u>	<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Stoddard solvent (mineral spirits)	> 5.5 mg/L (vapour)	> 5000 mg/kg	> 3000 mg/kg
Ethylene glycol monobutyl ether	450 ppm (2.175 mg/L)	530 mg/kg	400 - 500 mg/kg
oleic acid	N/Av	>19200 mg/kg	>3000mg/kg

Other important toxicological hazards

: None known or reported by the manufacturer.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

: No data is available on the product itself.

See the following tables for individual ingredient ecotoxicity data.

Ecotoxicity data:

<u>Ingredients</u>	<u>CAS No</u>	<u>Toxicity to Fish</u>		
		<u>LC50 / 96h</u>	<u>NOEC / 21 day</u>	<u>M Factor</u>
Stoddard solvent (mineral spirits)	8052-41-3	2.1 - 4.2 mg/L (Bluegill sunfish)	N/Av	None.
Ethylene glycol monobutyl ether	111-76-2	1490 mg/L (Bluegill)	>100mg/L (Zebra fish)	None.
oleic acid	112-80-1	205 mg/L(Fathead minnow)	N/Av	None.

<u>Ingredients</u>	<u>CAS No</u>	<u>Toxicity to Daphnia</u>		
		<u>EC50 / 48h</u>	<u>NOEC / 21 day</u>	<u>M Factor</u>
Stoddard solvent (mineral spirits)	8052-41-3	0.42 - 2.3 mg/L (Daphnia magna) (Closed systems - low end; Open systems - high end)	0.1 - 0.37 mg/L	None.
Ethylene glycol monobutyl ether	111-76-2	835 mg/L (Water flea)	100mg/L (Water flea)	None.
oleic acid	112-80-1	N/Av	N/Av	N/Av

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<u>Ingredients</u>	CAS No	<u>Toxicity to Algae</u>		
		<u>EC50 / 96h or 72h</u>	<u>NOEC / 96h or 72h</u>	<u>M Factor</u>
Stoddard solvent (mineral spirits)	8052-41-3	0.58 - 1.2 mg/L/72hr (Green algae) (Closed systems - low end; Open systems - high end)	0.16 mg/L/72hr	None.
Ethylene glycol monobutyl ether	111-76-2	911mg/L/72hr	286mg/L/72hr	None.
oleic acid	112-80-1	N/Av	N/Av	N/Av

Persistence and degradability

: No data is available on the product itself. The following ingredients are considered to be readily biodegradable: Ethylene glycol monobutyl ether

Bioaccumulation potential

: No data is available on the product itself.
See the following data for ingredient information.

<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
Stoddard solvent (mineral spirits) (CAS 8052-41-3)	3.16 - 7.06	N/Av
Ethylene glycol monobutyl ether (CAS 111-76-2)	0.81 at 25 °C	0.97
oleic acid (CAS 112-80-1)	7.64	10(calculated)

Mobility in soil : No data is available on the product itself.

Other Adverse Environmental effects

: The ecological characteristics of this product have not been fully investigated. The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters.

SECTION 13. DISPOSAL CONSIDERATIONS**Handling for Disposal**

: Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8.



Methods of Disposal

: Dispose in accordance with all applicable federal, state, provincial and local regulations.

RCRA

: If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

SECTION 14. TRANSPORTATION INFORMATION

<u>Regulatory Information</u>	<u>UN Number</u>	<u>UN proper shipping name</u>	<u>Transport hazard class(es)</u>	<u>Packing Group</u>	<u>Label</u>
49CFR/DOT	UN1993	FLAMMABLE LIQUID, N.O.S. (stoddard solvent)	3	III	
49CFR/DOT Additional information	This material may be reclassified as a 'Combustible liquid', when shipping by ground within the United States only. Combustible liquids may be shipped as non-hazardous material when shipped in non-bulk containers (450 L / 119 Gallons or less).				
TDG	UN1993	FLAMMABLE LIQUID, N.O.S. (stoddard solvent)	3	III	
TDG Additional information	This material may be shipped as non-regulated material when in small means of containment (<450 Litres), provided the requirements of TDG section 1.33 are met.				

Special precautions for user

: Keep away from heat, sparks and open flame. - No smoking.

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Environmental hazards : This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See ECOLOGICAL INFORMATION, Section 12.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
: Not available.

SECTION 15 - REGULATORY INFORMATION

US Federal Information:

Components listed below are present on the following U.S. Federal chemical lists:

<u>Ingredients</u>	CAS #	TSCA Inventory	CERCLA Reportable Quantity(RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de minimus Concentration
Stoddard solvent (mineral spirits)	8052-41-3	Yes	None.	None.	No	N/Ap
Ethylene glycol monobutyl ether	111-76-2	Yes	N/Ap	N/Av	No	N/Ap
oleic acid	112-80-1	Yes	N/Ap	N/Av	No	N/Ap

SARA TITLE III: Sec. 311 and 312, MSDS Requirements, 40 CFR 370 Hazard Classes: Fire Hazard; Acute Health Hazard. Chronic Health Hazard Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds for the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

<u>Ingredients</u>	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Stoddard solvent (mineral spirits)	8052-41-3	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
Ethylene glycol monobutyl ether	111-76-2	No	Not listed	Yes	Yes	Yes	Yes	Yes	Yes
oleic acid	112-80-1	No	Not listed	No	No	No	No	Yes	No

Canadian Information:

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

Canadian WHMIS Classification: See Section 2.

International Information:

Components listed below are present on the following International Inventory list:

<u>Ingredients</u>	CAS #	European EINECs	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	NewZealand IOC
Stoddard solvent (mineral spirits)	8052-41-3	232-489-3	Present	Present	(9)-1702; (9)-1702	KE-32199	Present	HSR001498
Ethylene glycol monobutyl ether	111-76-2	203-905-0	Present	Present	(7)-97; (2)-407	KE-04134	Present	HSR001154
oleic acid	112-80-1	204-007-1	Present	Present	(2)-975; (2)-609	KE-26450	Present	HSR003153

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SECTION 16. OTHER INFORMATION

- Legend** :
- ACGIH: American Conference of Governmental Industrial Hygienists
 - ATE: Acute Toxicity Estimate
 - CA: California
 - CAS: Chemical Abstract Services
 - CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
 - CFR: Code of Federal Regulations
 - CNS: Central Nervous System
 - CSA: Canadian Standards Association
 - DOT: Department of Transportation
 - EC50: Effective Concentration 50%.
 - EINECS: European Inventory of Existing Commercial chemical Substances
 - ENCS: Existing and New Chemical Substances
 - EPA: Environmental Protection Agency
 - HMIS: Hazardous Materials Identification System
 - HSDB: Hazardous Substances Data Bank
 - IARC: International Agency for Research on Cancer
 - IMDG: International Maritime Dangerous Goods
 - Inh: Inhalation
 - KECI: Korean Existing Chemicals Inventory
 - KECL: Korean Existing Chemicals List
 - LC: Lethal Concentration
 - LD: Lethal Dose
 - MA: Massachusetts
 - MN: Minnesota
 - MSHA: Mine Safety and Health Administration
 - N/Ap: Not Applicable
 - N/Av: Not Available
 - NFPA: National Fire Protection Association
 - NJ: New Jersey
 - NIOSH: National Institute of Occupational Safety and Health
 - NTP: National Toxicology Program
 - NOEC: No observable effect concentration
 - OSHA: Occupational Safety and Health Administration
 - PA: Pennsylvania
 - PEL: Permissible exposure limit
 - PICCS: Philippine Inventory of Chemicals and Chemical Substances
 - RCRA: Resource Conservation and Recovery Act
 - RI: Rhode Island
 - RTECS: Registry of Toxic Effects of Chemical Substances
 - SARA: Superfund Amendments and Reauthorization Act
 - STEL: Short Term Exposure Limit
 - TDG: Canadian Transportation of Dangerous Goods Act & Regulations
 - TLV: Threshold Limit Values
 - TPQ: Threshold Planning Quantity
 - TSCA: Toxic Substance Control Act
 - TWA: Time Weighted Average
 - WHMIS: Workplace Hazardous Materials Identification System
- References** :
- Canadian Centre for Occupational Health and Safety, CCInfoWeb Databases, 2015 (Chempendium, RTECs, HSDB, INCHEM). European Chemicals Agency, Classification Legislation, 2015 Information taken from reference works and the literature. Material Safety Data Sheet from manufacturer OECD- The Global Portal to Information on Chemical Substances - eChemPortal, 2015 National occupational exposure limits
- Preparation Date (mm/dd/yyyy)** :
- 05/24/2015
- Other special considerations for handling** :
- Provide adequate information, instruction and training for operators.

SAFETY DATA SHEET

<p>Prepared for: FPPF Chemical Company, Inc. 117 West Tupper Street Buffalo, NY, USA 14201 Telephone: 1-800-735-3773 Please direct all enquiries to FPPF Chemical Company</p>	
<p>Prepared by: ICC The Compliance Center Inc. Telephone: (888) 442-9628 (U.S.); (888) 977-4834 (Canada) http://www.thecompliancecenter.com</p>	

DISCLAIMER

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