



SBG ®  
Sludge Be Gone  
SDS Preparation Date (mm/dd/yyyy): 04/15/2021

## SAFETY DATA SHEET

### SECTION 1. IDENTIFICATION

Product identifier used on the label

: **SBG ®**  
**Sludge Be Gone**

Other means of identification : 90342, 00359P, 00360, 00360T

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 supplier:

**FPPF Chemical Company, Inc.**  
100 Dingens St.  
Buffalo, NY, USA 14206

Name, address, and telephone number of  
the manufacturer:

Refer to supplier

Supplier's Telephone # : (800) 735-3773

24 Hr. Emergency Tel # : PERS: North America 1-800-633-8253; International : +1-801-629-0667  
Contract No. 8027

### 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 Liquids - Category 3

Acute toxicity, oral - Category 4

Acute toxicity, dermal - Category 3

Acute Toxicity, inhalation - Category 3 (vapor)

Skin Corrosion/Irritation - Category 2

Serious eye damage/eye irritation - Category 2A

Aspiration Toxicity - Category 1

Specific target organ toxicity, single exposure - Category 3 (narcotic effects)

Label elements

Hazard pictogram(s)



Signal Word

DANGER!



**SBG®**  
**Sludge Be Gone**  
SDS Preparation Date (mm/dd/yyyy): 04/15/2021

## SAFETY DATA SHEET

### 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)

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - 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. 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, CO<sub>2</sub>, 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 you feel unwell.  
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 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 CENTER 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

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

Mixture

<u>Chemical name</u>	<u>Common name and synonyms</u>	<u>CAS #</u>	<u>Concentration (% by weight)</u>
Ethylene glycol monobutyl ether	Ethylene glycol monobutyl ether butyl cellosolve Glycol Ether EB EGBE	111-76-2	Proprietary
Distillates, petroleum, hydrotreated light	Distillates (petroleum), hydrotreated light	64742-47-8	Proprietary
Benzene	Phenyl hydride Coal naphtha	71-43-2	Trace
Naphthalene	Naphthalin Tar camphor	91-20-3	Trace



SBG®  
Sludge Be Gone  
SDS Preparation Date (mm/dd/yyyy): 04/15/2021

## SAFETY DATA SHEET

Ethylbenzene	Ethylbenzol Phenylethane	100-41-4	Trace
Toluene	Methylbenzene	108-88-3	Trace

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 CENTER 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.

#### 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, vomiting, burns and bleeding.
- 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 irritation. 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.



SBG®

Sludge Be Gone

SDS Preparation Date (mm/dd/yyyy): 04/15/2021

Page 4 of 14

## SAFETY DATA SHEET

### 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.

### Flammability classification (OSHA 29 CFR 1910.106)

- : Flammable Liquids - 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 proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. Do not enter without wearing specialized protective equipment suitable for the situation. Firefighter's normal protective clothing (Bunker Gear) will not provide adequate protection. A full-body encapsulating chemical protective suit with positive pressure self-contained breathing apparatus (NIOSH approved or equivalent) may be necessary.

#### *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.

**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 labeled containers. Contaminated absorbent material may pose the same hazards as the spilled product. Contact the proper local authorities.

### Special spill response procedures

- : 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: 1-800-424-8802).  
US CERCLA Reportable quantity (RQ): See section 15.

## SECTION 7. HANDLING AND STORAGE

### Precautions for safe handling



SBG®  
 Sludge Be Gone  
 SDS Preparation Date (mm/dd/yyyy): 04/15/2021

## SAFETY DATA SHEET

- : Use only outdoors or in a well-ventilated area. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - 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. 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

<u>Chemical Name</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
	Ethylene glycol monobutyl ether	20 ppm	N/Av	50 ppm (240 mg/m <sup>3</sup> ) (skin)
Distillates, petroleum, hydrotreated light	200 mg/m <sup>3</sup> (as total hydrocarbon vapour)	N/Av	N/Av	N/Av
Benzene	0.5 ppm (skin)	2.5 ppm (skin)	10 ppm	25 ppm (Ceiling)
Naphthalene	10 ppm (skin)	N/Av	10 ppm (50 mg/m <sup>3</sup> )	N/Av
Ethylbenzene	20 ppm	N/Av	100 ppm (435 mg/m <sup>3</sup> )	N/Av
Toluene	20 ppm	N/Av	200 ppm	300 ppm (Ceiling)

#### Exposure controls

##### Ventilation and engineering measures

- : Use only outdoors or in a well-ventilated area. 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.

##### Respiratory protection

- : If engineering controls and work practices are not effective in controlling exposure to this material, then wear suitable approved respiratory protection. Advice should be sought from respiratory protection specialists.

##### 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. Wear safety glasses with side shields ( or goggles).

##### 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



SBG ®

Sludge Be Gone

SDS Preparation Date (mm/dd/yyyy): 04/15/2021

Page 6 of 14

## SAFETY DATA SHEET

: 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 Point/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.

### SECTION 10. STABILITY AND REACTIVITY

Reactivity : Not normally reactive.

Chemical stability : Stable under normal conditions.



SBG®

Sludge Be Gone

SDS Preparation Date (mm/dd/yyyy): 04/15/2021

Page 7 of 14

## SAFETY DATA SHEET

### 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 Perchloric acid Bases

### 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, vomiting, burns and bleeding. 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

- : This product does not meet the criteria for carcinogens under OSHA regulations (29 CFR 1910.1200) (Hazcom 2012). This product may contain trace levels of the following ingredients: Naphthalene, Ethylbenzene, Benzene .

#### Reproductive effects & Teratogenicity

- : Not expected to cause reproductive effects. This product may contain trace levels of the following ingredients: Toluene



**SBG®**  
**Sludge Be Gone**  
SDS Preparation Date (mm/dd/yyyy): 04/15/2021

## SAFETY DATA SHEET

- Sensitization to material** : Not expected to be a respiratory sensitizer.  
Not expected to be a skin sensitizer.
- 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 (narcotic effects) May cause drowsiness or dizziness.

Not classified as 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**

- : There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data. The calculated ATE values for this mixture are:  
ATE oral =706mg/kg  
ATE dermal =533mg/kg  
ATE inhalation (vapours) =2.9mg/L/4H

See below for individual ingredient acute toxicity data.

<u>Chemical name</u>	<u>LC<sub>50</sub>(4hr)</u> <u>inh, rat</u>	<u>LD<sub>50</sub></u>	
		<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Ethylene glycol monobutyl ether	450 ppm (2.175 mg/L) (vapour)	530 mg/kg	400 - 500 mg/kg
Distillates, petroleum, hydrotreated light	>6.03 mg/L (aerosol)	>5000 mg/kg	>2000 mg/kg
Benzene	13 700 ppm (43.8 mg/L) (vapour)	930 mg/kg	> 8240 mg/kg
Naphthalene	N/Av	490 mg/kg (rat) 533 mg/kg (mouse)	> 20 000 mg/kg
Ethylbenzene	4000 ppm (17.4 mg/L) (vapour)	3500 mg/kg	15 380 mg/kg
Toluene	7585 ppm (28.1 mg/L)	5580 mg/kg	12 125 mg/kg

**Other important toxicological hazards**

- : Chronic overexposure to 2-butoxyethanol may cause liver, kidney and blood damage.

## SECTION 12. ECOLOGICAL INFORMATION

- Ecotoxicity** : Not expected to be harmful to aquatic organisms. Avoid release to the environment.





SBG ®  
Sludge Be Gone  
SDS Preparation Date (mm/dd/yyyy): 04/15/2021

## SAFETY DATA SHEET

### Ecotoxicity data:

<u>Ingredients</u>	CAS #	Toxicity to Fish		
		LC50 / 96h	NOEC / 21 day	M Factor
Ethylene glycol monobutyl ether	111-76-2	1490 mg/L (Bluegill sunfish)	> 100 mg/L (Zebra fish)	None.
Distillates, petroleum, hydrotreated light	64742-47-8	45 mg/L (Fathead minnow)	N/Av	None.
Benzene	71-43-2	5.3 mg/L (Rainbow trout) (OECD)	0.8 mg/L/32 days NOEL (OECD)	None.
Naphthalene	91-20-3	0.96 mg/L (pink salmon)	0.12 mg/L/40 days	1
Ethylbenzene	100-41-4	4.2 mg/L (Rainbow trout)	1.13 mg/L (30 days) (QSAR)	None.
Toluene	108-88-3	5.4 mg/L (pink salmon)	1.4 - 4 mg/L	None.

<u>Ingredients</u>	CAS #	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	M Factor
Ethylene glycol monobutyl ether	111-76-2	835 mg/L (Daphnia magna)	100 mg/L	None.
Distillates, petroleum, hydrotreated light	64742-47-8	N/Av	N/Av	N/Av
Benzene	71-43-2	10 mg/L (Daphnia magna) (OECD)	N/Av	None.
Naphthalene	91-20-3	3.4 mg/L (Daphnia magna)	0.22 - 0.6 mg/L	None.
Ethylbenzene	100-41-4	1.81 mg/L (Daphnia magna)	N/Av	None.
Toluene	108-88-3	3.78 mg/L (Daphnia magna)	0.53 - 1 mg/L	None.

<u>Ingredients</u>	CAS #	Toxicity to Algae		
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor
Ethylene glycol monobutyl ether	111-76-2	911 mg/L/72hr (Green algae)	286 mg/L/72hr	None.
Distillates, petroleum, hydrotreated light	64742-47-8	N/Av	N/Av	N/Av
Benzene	71-43-2	29 mg/L/72hr (Green algae) (literature)	N/Av	None.
Naphthalene	91-20-3	0.4 mg/L/72hr (Skeletonema costatum)	N/Av	1
Ethylbenzene	100-41-4	3.6 mg/L/96hr (Green algae)	3.4 mg/L/96hr	None.
Toluene	108-88-3	N/Av	10 mg/L/72hr (Green algae)	None.

### Persistence and degradability

: No data is available on the product itself.

### Bioaccumulation potential

: No data is available on the product itself.



SBG®

Sludge Be Gone

SDS Preparation Date (mm/dd/yyyy): 04/15/2021

Page 10 of 14

## SAFETY DATA SHEET

<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
Ethylene glycol monobutyl ether (CAS 111-76-2)	0.8	0.97
Distillates, petroleum, hydrotreated light (CAS 64742-47-8)	5.1-8.8	N/Av
Benzene (CAS 71-43-2)	2.13	10 (Fish)
Naphthalene (CAS 91-20-3)	3.7	427 (Fathead minnow)
Ethylbenzene (CAS 100-41-4)	3.15	1.1 - 1.5
Toluene (CAS 108-88-3)	2.65	

**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.



SBG®  
Sludge Be Gone  
SDS Preparation Date (mm/dd/yyyy): 04/15/2021

## SAFETY DATA SHEET

### SECTION 14. TRANSPORT INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
ICAO/IATA	UN1993	Flammable liquid, n.o.s. (Distillates (petroleum), hydrotreated light)	3	III	
ICAO/IATA Additional information	Refer to ICAO/IATA Packing Instruction				
IMDG	UN1993	FLAMMABLE LIQUID, N.O.S. (Distillates (petroleum), hydrotreated light)	3	III	
IMDG Additional information	Consult the IMDG regulations for exceptions.				
49CFR/DOT	UN1993	FLAMMABLE LIQUID, N.O.S. (Distillates (petroleum), hydrotreated light)	3	III	
49CFR/DOT Additional information	May be shipped as a Limited Quantity when transported in containers no larger than 5 L (1.3 gallons); in packages not exceeding 30 kg (66 pounds) gross mass.				
TDG	UN1993	FLAMMABLE LIQUID, N.O.S. (Distillates (petroleum), hydrotreated light)	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.

**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:



SBG ®

Sludge Be Gone

SDS Preparation Date (mm/dd/yyyy): 04/15/2021

## SAFETY DATA SHEET

<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
Ethylene glycol monobutyl ether	111-76-2	Yes	None.	None.	No	N/Ap
Distillates, petroleum, hydrotreated light	64742-47-8	Yes	N/Ap	N/Av	No	No
Benzene	71-43-2	Yes	10 lb / 4.54 kg	None.	Yes	Yes
Naphthalene	91-20-3	Yes	100 lb/ 45.4 kg	None.	Yes	Yes
Ethylbenzene	100-41-4	Yes	1000 lb/ 454 kg	None.	Yes	Yes
Toluene	108-88-3	Yes	1000 lb/ 454 kg	None.	No	No

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes: Flammable ;Acute toxicity;Skin irritation ;Eye irritation;Aspiration toxicity;Specific target organ toxicity, single exposure. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds or 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
Ethylene glycol monobutyl ether	111-76-2	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
Distillates, petroleum, hydrotreated light	64742-47-8	No	N/Ap	No	No	No	No	No	No
Benzene	71-43-2	Yes	Cancer; male reproductive toxicity; Developmental	Yes	Yes	Yes	Yes	Yes	Yes
Naphthalene	91-20-3	Yes	Cancer	Yes	Yes	Yes	Yes	Yes	Yes
Ethylbenzene	100-41-4	Yes	Cancer	Yes	Yes	Yes	Yes	Yes	Yes
Toluene	108-88-3	Yes	Developmental	No	No	Yes	No	No	Yes

**Canadian Information:**

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

**International Information:**

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



SBG®

Sludge Be Gone

SDS Preparation Date (mm/dd/yyyy): 04/15/2021

Page 13 of 14

## SAFETY DATA SHEET

<u>Ingredients</u>	CAS #	European EINECs	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	NewZealand IOC
Ethylene glycol monobutyl ether	111-76-2	203-905-0	Present	Present	(7)-97; (2)-407	KE-04134	Present	HSR001154
Distillates, petroleum, hydrotreated light	64742-47-8	265-149-8	Present	Present	(9)-1700	KE-12550	Present	No information available.
Benzene	71-43-2	200-753-7	Present	Present	(3)-1	KE-02150	Present	HSR001038
Naphthalene	91-20-3	202-049-5	Present	Present	(4)-311	KE-25545	Present	HSR001287
Ethylbenzene	100-41-4	202-849-4	Present	Present	(3)-60; (3)-28	KE-13532	Present	HSR001151
Toluene	108-88-3	203-625-9	Present	Present	(3)-2	KE-33936	Present	HSR001227

### SECTION 16. OTHER INFORMATION

#### Legend

: ATE: Acute Toxicity Estimate  
CAS: Chemical Abstract Services  
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980  
CFR: Code of Federal Regulations  
CSA: Canadian Standards Association  
DOT: Department of Transportation  
EC50: Effective Concentration 50%  
ENCS: Existing and New Chemical Substances  
EPA: Environmental Protection Agency  
HSDB: Hazardous Substances Data Bank  
IARC: International Agency for Research on Cancer  
IMDG: International Maritime Dangerous Goods  
KECI: Korean Existing Chemicals Inventory  
KECL: Korean Existing Chemicals List  
LC: Lethal Concentration  
LD: Lethal Dose  
N/Ap: Not Applicable  
N/Av: Not Available  
NIOSH: National Institute of Occupational Safety and Health  
NTP: National Toxicology Program  
NOEC: No observable effect concentration  
OSHA: Occupational Safety and Health Administration  
PEL: Permissible exposure limit  
PICCS: Philippine Inventory of Chemicals and Chemical Substances  
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



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**SDS Preparation Date (mm/dd/yyyy): 04/15/2021**

Page 14 of 14

## **SAFETY DATA SHEET**

**References** : 1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices  
2. ECHA - European Chemical Agency  
3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases, (Chempendium, HSDB and RTECs).  
4. Safety Data Sheets from manufacturer.  
5. US EPA Title III List of Lists  
6. California Proposition 65 List  
7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal

**Preparation Date (mm/dd/yyyy)**

: 04/15/2021

**Other special considerations for handling**

: Provide adequate information, instruction and training for operators.

**Prepared for:**

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