





## SPI191 - Lightning Fast Carpet and Upholstery Stain Extractor

### SECTION 1: IDENTIFICATION

- 1.1 GHS Product identifier:** SPI191 - Lightning Fast Carpet and Upholstery Stain Extractor
- Other means of identification:**  
Non-applicable
- 1.2 Recommended use of the chemical and restrictions on use:**  
Relevant uses (Consumer use): Chemical cleaning products  
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:**  
Chemical Guys  
3501 Sepulveda Blvd  
90505 Torrance - California - United States  
Phone: 866-822-3670 - Fax: 310-988-1061  
info@ChemicalGuys.com  
www.ChemicalGuys.com
- 1.4 Emergency phone number:** 866-822-3670

### SECTION 2: HAZARD(S) IDENTIFICATION

- 2.1 Classification of the substance or mixture:**  
**29 CFR 1910.1200:**  
Classification of this product has been carried out in accordance with paragraph (d) of § 1910.1200.  
Eye Irrit. 2A: Eye irritation, Category 2A, H319
- 2.2 Label elements:**  
**29 CFR 1910.1200:**  
**Warning**
- 
- Hazard statements:**  
Eye Irrit. 2A: H319 - Causes serious eye irritation.
- Precautionary statements:**  
P101: If medical advice is needed, have product container or label at hand.  
P102: Keep out of reach of children.  
P264: Wash thoroughly after use.  
P280: Wear protective gloves/protective clothing/eye protection/protective footwear.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: Get medical advice/attention.  
P501: Dispose of the contents/containers according to the local, state and federal regulations.
- Additional labeling:**
- 
- WARNING**
- Keep out of the reach of children  
This product can expose you to chemicals including Sulphur dioxide, which is [are] known to the State of California to cause cancer, and 1,4-dioxane, which is [are] known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).  
Federal Hazardous Substances Act (FHSA) >> Irritant (Eyes)  
May irritate eyes. Do not get in eyes. Keep out of reach of children.  
FIRST AID TREATMENT  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do and continue rinsing. If eye irritation persists: Get medical advice/attention.  
Contains .
- 2.3 Hazards not otherwise classified (HNOC):**

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## SPI191 - Lightning Fast Carpet and Upholstery Stain Extractor

### SECTION 2: HAZARD(S) IDENTIFICATION (continued)

Non-applicable

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances:

Non-applicable

#### 3.2 Mixtures:

**Chemical description:** Aqueous mixture composed of additives

#### Components:

Remaining components are non-hazardous and/or present at amounts below reportable limits. The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200. Therefore, in accordance with Appendix D to § 1910.1200, the product contains:

Identification	Chemical name/Classification	Concentration
CAS: 112-34-5	<b>2-(2-butoxyethoxy)ethanol</b> Eye Irrit. 2A: H319 - Warning	2.5 - <10 %
CAS: 68584-22-5	<b>Benzenesulfonic acid, C10-16-alkyl derivs.</b> Eye Irrit. 2A: H319 - Warning	2.5 - <10 %
CAS: 68439-57-6	<b>Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts</b> Eye Dam. 1: H318; Skin Irrit. 2: H315 - Danger	1 - <2.5 %
CAS: 1300-72-7	<b>Sodium xylenesulphonate</b> Eye Irrit. 2A: H319 - Warning	1 - <2.5 %
CAS: 111-76-2	<b>2-butoxyethanol</b> Acute Tox. 3: H331; Acute Tox. 4: H302; Eye Irrit. 2A: H319; Flam. Liq. 4: H227; Skin Irrit. 2: H315 - Danger	<1 %

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

### SECTION 4: FIRST-AID MEASURES

#### 4.1 Description of necessary measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

#### By inhalation:

This product is not classified as hazardous through inhalation, however, it is recommended in case of intoxication symptoms to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

#### By skin contact:

This product is not classified as hazardous when in contact with the skin. However, in case of skin contact it is recommended to remove contaminated clothes and shoes, rinse the skin or shower the person affected if necessary thoroughly with cold water and neutral soap. In case of serious reaction consult a doctor.

#### By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

#### By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

#### 4.2 Most important symptoms/effects, acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

#### 4.3 Indication of immediate medical attention and special treatment needed, if necessary:

Non-applicable

### SECTION 5: FIRE-FIGHTING MEASURES

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## SPI191 - Lightning Fast Carpet and Upholstery Stain Extractor

### SECTION 5: FIRE-FIGHTING MEASURES (continued)

#### 5.1 Suitable (and unsuitable) extinguishing media:

##### Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

##### Unsuitable extinguishing media:

Non-applicable

#### 5.2 Specific hazards arising from the chemical:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

#### 5.3 Special protective equipment and precautions for fire-fighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and Self Contained Breathing Apparatus. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

##### Additional provisions:

As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Only properly trained personnel should be involved in firefighting. Evacuate nonessential personnel from the fire area. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures:

##### For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection.

##### For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

#### 6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.

#### 6.3 Methods and materials for containment and cleaning up:

For accidental releases in excess of reportable quantities (RQ) (Table 302.4), refer to 40 CFR 302 for detailed instructions concerning reporting requirements and notify the National Response Center (800) 424-8802.

Prevent the entrance of product in drains, sewers or watercourses. Absorb the spill using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. Collect the product in appropriate containers and manage it according to current legislation.

Spillages in water or sea:

Small spillages:

Contain spillage using barriers or similar equipment. Use suitable absorbents for collection and treat the waste in accordance with current regulations.

Large spillages:

If possible, contain spillage in open water using barriers or similar equipment. If this is not possible, try to control its spread and collect the product with suitable mechanical means. Always consult experts before using dispersants and make sure you have the necessary approvals if they are to be used. Treat the waste according to current regulations.

#### 6.4 Reference to other sections:

See sections 8 and 13.

### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

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**SPI191 - Lightning Fast Carpet and Upholstery Stain Extractor**

**SECTION 7: HANDLING AND STORAGE (continued)**

Product is non-flammable under normal conditions of storage, manipulation and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

**7.2 Conditions for safe storage, including any incompatibilities:**

A.- Specific storage requirements

Minimum Temp.: 41 °F

Maximum Temp.: 86 °F

Maximum time: 6 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

**7.3 Specific end use(s):**

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters:**

Substances whose occupational exposure limits have to be assessed in the workplace:

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000):

Identification	Occupational exposure limits		
	2-butoxyethanol <sup>(1)</sup> CAS: 111-76-2	8-hour TWA PEL	50 ppm
	Ceiling Values - TWA PEL		

US. ACGIH Threshold Limit Values (2022):

Identification	Occupational exposure limits		
	2-butoxyethanol <sup>(1)</sup> CAS: 111-76-2	TLV-TWA	20 ppm
	TLV-STEL		

CALIFORNIA- TABLE AC-1 PERMISSIBLE EXPOSURE LIMITS FOR CHEMICAL CONTAMINANTS:

Identification	Occupational exposure limits		
	2-butoxyethanol <sup>(1)</sup> CAS: 111-76-2	PEL	20 ppm
	STEL		

NIOSH: Immediately Dangerous To Life or Health (IDLH) Values:

Identification	Occupational exposure limits		
	2-butoxyethanol <sup>(1)</sup> CAS: 111-76-2	TWA	
	IDLH Value	700 ppm	

<sup>(1)</sup> Skin

**Biological limit values:**

Biological Exposure Indices (BEIs®) - ACGIH

Identification	BEIs®	Determinant	Sampling Time
2-butoxyethanol CAS: 111-76-2	200 mg/g (Creatinine)	Butoxyacetic acid (BAA) in urine	End of shift

**8.2 Appropriate engineering controls:**

A.- Individual protection measures, such as personal protective equipment

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## SPI191 - Lightning Fast Carpet and Upholstery Stain Extractor

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

As a preventative measure it is recommended to use basic Personal Protection Equipment. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation, the information on clothing performance must be combined with professional judgment, and a clear understanding of the clothing application, to provide the best protection to the worker. All chemical protective clothing use must be based on a hazard assessment to determine the risks for exposure to chemicals and other hazards. Conduct hazard assessments in accordance with 29 CFR 1910.132.

#### B.- Respiratory protection

If the working conditions and/or safety measures adopted do not allow keeping the airborne concentration of the product below the exposure limits (if any) or at acceptable levels (if no exposure limits exist), suitable respiratory protection equipment chosen by a qualified professional should be used.

#### C.- Specific protection for the hands

Non-applicable

#### D.- Eye and face protection

Non-applicable

#### E.- Bodily protection

Non-applicable

#### F.- Additional emergency measures

It is advised to implement additional emergency equipments in workplaces that are particularly exposed to the product or in situations where risk assessments highlight the necessity of such equipments.

It is not necessary to take additional emergency measures.

#### Environmental exposure controls:

To comply with environmental protection regulations, it is recommended to prevent any spillage of the product and its container. For more detailed information, please refer to subsection 7.1.D.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties:

##### Appearance:

Physical state at 68 °F:	Liquid
Appearance:	Transparent
Color:	Light yellow
Odor:	Non-applicable *
Odour threshold:	Non-applicable *

##### Volatility:

Boiling point at atmospheric pressure:	220 °F
Vapour pressure at 68 °F:	2328 Pa
Vapour pressure at 122 °F:	12263.11 Pa (12.26 kPa)
Evaporation rate at 68 °F:	Non-applicable *

##### Product description:

Density at 68 °F:	1031.7 kg/m <sup>3</sup>
Relative density at 68 °F:	≥1.032
Dynamic viscosity at 68 °F:	Non-applicable *
Kinematic viscosity at 68 °F:	Non-applicable *
Kinematic viscosity at 104 °F:	Non-applicable *
Concentration:	Non-applicable *
pH:	9.8 - 10.6
Vapour density at 68 °F:	Non-applicable *
Partition coefficient n-octanol/water 68 °F:	Non-applicable *

\*Non-applicable due to the nature of the product, not providing information property of its hazards.

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**SPI191 - Lightning Fast Carpet and Upholstery Stain Extractor**

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)**

Solubility in water at 68 °F:	Non-applicable *
Solubility properties:	Non-applicable *
Decomposition temperature:	Non-applicable *
Melting point/freezing point:	Non-applicable *
<b>Flammability:</b>	
Flash Point:	Non Flammable (>199.4 °F)
Flammability (solid, gas):	Non-applicable *
Autoignition temperature:	400 °F
Lower flammability limit:	Non-applicable *
Upper flammability limit:	Non-applicable *
<b>Particle characteristics:</b>	
Median equivalent diameter:	Non-applicable *

**9.2 Other information:**

**Information with regard to physical hazard classes:**

Explosive properties:	Non-applicable *
Oxidising properties:	Non-applicable *
Corrosive to metals:	Non-applicable *
Heat of combustion:	Non-applicable *
Aerosols-total percentage (by mass) of flammable components:	Non-applicable *

**Other safety characteristics:**

Surface tension at 68 °F:	Non-applicable *
Refraction index:	Non-applicable *

\*Non-applicable due to the nature of the product, not providing information property of its hazards.

**SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity:**

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

**10.2 Chemical stability:**

Chemically stable under the indicated conditions of storage, handling and use.

**10.3 Possibility of hazardous reactions:**

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

**10.4 Conditions to avoid:**

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Precaution	Precaution	Not applicable

**10.5 Incompatible materials:**

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

**10.6 Hazardous decomposition products:**

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects:**

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**SPI191 - Lightning Fast Carpet and Upholstery Stain Extractor**

**SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

The experimental information related to the toxicological properties of the product itself is not available

Contains glycols. With possibility of effects that are hazardous to the health, it is recommended not to breathe the vapours for long periods of time.

**Dangerous health implications:**

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: Produces eye damage after contact.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.  
IARC: Sulphur dioxide (3); 1,4-dioxane (2B); 2-butoxyethanol (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**Other information:**

Non-applicable

**Specific toxicology information on the substances:**

Identification	Acute toxicity		Genus
Benzenesulfonic acid, C10-16-alkyl derivs. CAS: 68584-22-5	LD50 oral	>5000 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		

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**SPI191 - Lightning Fast Carpet and Upholstery Stain Extractor**

**SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

Identification	Acute toxicity		Genus
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts CAS: 68439-57-6	LD50 oral	2290 mg/kg	Rat
	LD50 dermal	6300 mg/kg	Rabbit
	LC50 inhalation		
Sodium xylenesulphonate CAS: 1300-72-7	LD50 oral	7200 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		
2-butoxyethanol CAS: 111-76-2	LD50 oral	1200 mg/kg	Rat
	LD50 dermal	3000 mg/kg	Rabbit
	LC50 inhalation vapour	2.25 mg/L	Guinean pig

**SECTION 12: ECOLOGICAL INFORMATION**

The experimental information related to the eco-toxicological properties of the product itself is not available

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**12.1 Ecotoxicity (aquatic and terrestrial, where available):**

**Acute toxicity:**

Identification	Concentration		Species	Genus
2-(2-butoxyethoxy)ethanol CAS: 112-34-5	LC50	1300 mg/L (96 h)	Lepomis macrochirus	Fish
	EC50	2850 mg/L (24 h)	Daphnia magna	Crustacean
	EC50	53 mg/L (192 h)	Microcystis aeruginosa	Algae
Benzenesulfonic acid, C10-16-alkyl derivs. CAS: 68584-22-5	LC50	10000 mg/L (96 h)	Cyprionodon variegatus	Fish
	EC50	Non-applicable		
	EC50	Non-applicable		
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts CAS: 68439-57-6	LC50	4.2 mg/L (96 h)	Brachydanio rerio	Fish
	EC50	4.53 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	5.2 mg/L (72 h)	Skeletonema costatum	Algae
2-butoxyethanol CAS: 111-76-2	LC50	1490 mg/L (96 h)	Lepomis macrochirus	Fish
	EC50	1815 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	911 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae

**Chronic toxicity:**

Identification	Concentration		Species	Genus
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts CAS: 68439-57-6	NOEC	Non-applicable		
	NOEC	6.3 mg/L	Daphnia magna	Crustacean
2-butoxyethanol CAS: 111-76-2	NOEC	100 mg/L	Danio rerio	Fish
	NOEC	100 mg/L	Daphnia magna	Crustacean

**12.2 Persistence and degradability:**

**Substance-specific information:**

Identification	Degradability		Biodegradability	
2-(2-butoxyethoxy)ethanol CAS: 112-34-5	BOD5	0.25 g O2/g	Concentration	100 mg/L
	COD	2.08 g O2/g	Period	28 days
	BOD5/COD	0.12	% Biodegradable	92 %
Benzenesulfonic acid, C10-16-alkyl derivs. CAS: 68584-22-5	BOD5	Non-applicable	Concentration	Non-applicable
	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	8 %
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts CAS: 68439-57-6	BOD5	Non-applicable	Concentration	20 mg/L
	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	96 %

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**SPI191 - Lightning Fast Carpet and Upholstery Stain Extractor**

**SECTION 12: ECOLOGICAL INFORMATION (continued)**

Identification	Degradability		Biodegradability	
	2-butoxyethanol CAS: 111-76-2	BOD5	0.71 g O2/g	Concentration
	COD	2.2 g O2/g	Period	14 days
	BOD5/COD	0.32	% Biodegradable	96 %

**12.3 Bioaccumulative potential:**

**Substance-specific information:**

Identification	Bioaccumulation potential	
	2-(2-butoxyethoxy)ethanol CAS: 112-34-5	BCF
	Pow Log	0.56
	Potential	Low
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts CAS: 68439-57-6	BCF	71
	Pow Log	-1.3
	Potential	Moderate
2-butoxyethanol CAS: 111-76-2	BCF	3
	Pow Log	0.83
	Potential	Low

**12.4 Mobility in soil:**

Identification	Absorption/desorption		Volatility	
	2-(2-butoxyethoxy)ethanol CAS: 112-34-5	Koc	48	Henry
	Conclusion	Very High	Dry soil	Non-applicable
	Surface tension	3.395E-2 N/m (77 °F)	Moist soil	Non-applicable
Benzenesulfonic acid, C10-16-alkyl derivs. CAS: 68584-22-5	Koc	8320000000	Henry	Non-applicable
	Conclusion	Immobile	Dry soil	Non-applicable
	Surface tension	Non-applicable	Moist soil	Non-applicable
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts CAS: 68439-57-6	Koc	1.6	Henry	6.7E-2 Pa·m <sup>3</sup> /mol
	Conclusion	Very High	Dry soil	Yes
	Surface tension	Non-applicable	Moist soil	Yes
2-butoxyethanol CAS: 111-76-2	Koc	8	Henry	1.621E-1 Pa·m <sup>3</sup> /mol
	Conclusion	Very High	Dry soil	Non-applicable
	Surface tension	2.729E-2 N/m (77 °F)	Moist soil	Yes

**12.5 Results of PBT and vPvB assessment:**

Non-applicable

**12.6 Other adverse effects:**

Not described

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Disposal methods:**

Wastes generated by normal household activities (e.g., routine house and yard maintenance) are excluded from the definition of hazardous waste ( Title 40 of the Code of Federal Regulations Part 261.4)

**Waste management (disposal and evaluation):**

Follow RCRA framework and EPA regulation for to ensure that hazardous waste is managed safely and properly. Waste should not be disposed of to drains. Remind, It is the responsibility of the waste generator to evaluate whether his wastes are hazardous by characteristics or listing. See section 6 for further information about Accidental release measures.

**Regulations related to waste management:**

Legislation related to waste management:

40 CFR Solid Wastes - Part 239 through 282.

State regulatory requirements for generators may be more stringent than those in the federal program. Be sure to check the state 's policies.

**SECTION 14: TRANSPORT INFORMATION**

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## SPI191 - Lightning Fast Carpet and Upholstery Stain Extractor

### SECTION 14: TRANSPORT INFORMATION (continued)

#### Transport of dangerous goods by land:

With regard to 49 CFR on the Transport of Dangerous Goods:

- 14.1 UN number:** Non-applicable  
**14.2 UN proper shipping name:** Non-applicable  
**14.3 Transport hazard class(es):** Non-applicable  
Labels: Non-applicable  
**14.4 Packing group, if applicable:** Non-applicable  
**14.5 Marine pollutant:** No  
**14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises**  
Physico-Chemical properties: see section 9  
**14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Non-applicable

#### Transport of dangerous goods by sea:

With regard to IMDG 41-22:

- 14.1 UN number:** Non-applicable  
**14.2 UN proper shipping name:** Non-applicable  
**14.3 Transport hazard class(es):** Non-applicable  
Labels: Non-applicable  
**14.4 Packing group, if applicable:** Non-applicable  
**14.5 Marine pollutant:** No  
**14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises**  
Special regulations: Non-applicable  
EmS Codes:  
Physico-Chemical properties: see section 9  
Limited quantities: Non-applicable  
Segregation group: Non-applicable  
**14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Non-applicable

#### Transport of dangerous goods by air:

With regard to IATA/ICAO 2024:

- 14.1 UN number:** Non-applicable  
**14.2 UN proper shipping name:** Non-applicable  
**14.3 Transport hazard class(es):** Non-applicable  
Labels: Non-applicable  
**14.4 Packing group, if applicable:** Non-applicable  
**14.5 Marine pollutant:** No  
**14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises**  
Physico-Chemical properties: see section 9  
**14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Non-applicable

### SECTION 15: REGULATORY INFORMATION

#### 15.1 Safety, health and environmental regulations specific for the product in question:

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## SPI191 - Lightning Fast Carpet and Upholstery Stain Extractor

### SECTION 15: REGULATORY INFORMATION (continued)

- CALIFORNIA LABOR CODE - The Hazardous Substances List: *sulphuric acid (7664-93-9)* ; *Sulphur dioxide (7446-09-5)* ; *1,4-dioxane (123-91-1)* ; *2-butoxyethanol (111-76-2)* ; *sodium hydroxide (1310-73-2)*
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Birth defects or other reproductive harm: *Sulphur dioxide (7446-09-5)*
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Cancer: *1,4-dioxane (123-91-1)*
- CANADA-Domestic Substances List (DSL): *All components of this product comply with the inventory requirements administered by the governing country.*
- CANADA-Non-Domestic Substances List (NDSL): Non-applicable
- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) - Reportable Quantities: *sulphuric acid (7664-93-9) - 1000 lb* ; *1,4-dioxane (123-91-1) - U108* ; *2-butoxyethanol (111-76-2) - 1 lb* ; *sodium hydroxide (1310-73-2) -1000 lb*
- Hazardous Air Pollutants (Clean Air Act): *1,4-dioxane (123-91-1)* ; *2-(2-butoxyethoxy)ethanol (112-34-5)* ; *2-butoxyethanol (111-76-2)*
- NTP (National Toxicology Program): *sulphuric acid (7664-93-9)* ; *1,4-dioxane (123-91-1)*
- OSHA Specifically Regulated Substances (29 CFR 1910.1001-1096): Non-applicable
- The Toxic Substances Control Act (TSCA) : *All components of this product comply with the inventory requirements administered by the governing country.*
- Toxic chemical release reporting under EPCRA section 313 (40 CFR Part 372): *sulphuric acid (7664-93-9)* ; *1,4-dioxane (123-91-1)* ; *2-(2-butoxyethoxy)ethanol (112-34-5)* ; *2-butoxyethanol (111-76-2)*

#### **Specific provisions in terms of protecting people or the environment:**

It is recommended to use the information provided in this safety data sheet as a foundation for conducting workplace-specific risk assessments. These assessments will help establish the appropriate risk prevention measures for handling, using, storing, and disposing of this product.

#### **Other legislation:**

Take into consideration other applicable federal, state, and local laws and local regulations.

### SECTION 16: OTHER INFORMATION

#### **Legislation related to safety data sheets:**

This safety data sheet has been designed in accordance with Appendix d to §1910.1200 - Safety data sheets

#### **Texts of the legislative phrases mentioned in section 2:**

H319: Causes serious eye irritation.

#### **Texts of the legislative phrases mentioned in section 3:**

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

#### **29 CFR 1910.1200:**

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## SPI191 - Lightning Fast Carpet and Upholstery Stain Extractor

### SECTION 16: OTHER INFORMATION (continued)

Acute Tox. 3: H331 - Toxic if inhaled.  
Acute Tox. 4: H302 - Harmful if swallowed.  
Eye Dam. 1: H318 - Causes serious eye damage.  
Eye Irrit. 2A: H319 - Causes serious eye irritation.  
Flam. Liq. 4: H227 - Combustible liquid.  
Skin Irrit. 2: H315 - Causes skin irritation.

**Advice related to training:**

According to 29 CFR 1910.1200, training on chemical hazards is necessary for employees using this product. This training will facilitate their understanding and interpretation of the safety data sheet, as well as the product label.

**Principal bibliographical sources:**

Occupational Safety & Health Administration (OSHA).

**Abbreviations and acronyms:**

IMDG: International maritime dangerous goods code  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organisation  
COD: Chemical Oxygen Demand  
BOD5: 5-day biochemical oxygen demand  
BCF: Bioconcentration factor  
LD50: Lethal Dose 50  
CL50: Lethal Concentration 50  
EC50: Effective concentration 50  
Log-POW: Octanol-water partition coefficient  
Koc: Partition coefficient of organic carbon  
IARC: International Agency for Research on Cancer

Date of compilation: 8/20/2024  
Revised: 1/22/2025

Manufacturer Disclaimer: The information contained in this safety data sheet ("SDS") is based on sources, technical knowledge and current legislation. Furthermore, is based on data believed to be accurate; thus, the company does not assume any liability for its accuracy. The information provided herein cannot be considered a guarantee of the properties of this product and the same is simply a description of the security requirements. The use, occupational methodology and/or conditions for users of this product are not within our awareness or control. It is ultimately the responsibility of the user(s) to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information of this SDS only refers to this product, which should not be used for purposes other than those specified. Finally, the manner in which this product is used and whether there is any infringement of patents is the sole responsibility of the user(s).

END OF SAFETY DATA SHEET