

**SAFETY DATA SHEET****1. Identification**

**Product Name:** 1826 Flo-Strip Paint Stripper  
**Product Code:** B1586  
**SDS Date:** 8/26/2019  
**Use:** Industrial. This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.

Chemisphere Corporation  
2101 Clifton Ave  
St. Louis, MO 63139

**General Information: 314-644-1300**  
**CHEMTREC: 800-424-9300**

**2. Hazard(s) identification****GHSClassification**

Acute toxicity, Dermal (Category 4), H311  
Acute toxicity, Inhalation (Category 4), H331  
Acute toxicity, Oral (Category 4), H301  
Skin irritation (Category 2), H315  
Eye irritation (Category 2A), H319  
Specific target organ toxicity - repeated exposure, Inhalation (Category 2), Central nervous system, H373  
Specific target organ toxicity - repeated exposure, Oral (Category 2), Liver, Blood, H373  
Specific target organ toxicity - single exposure (Category 1), H370  
Specific target organ toxicity - single exposure (Category 3), Respiratory system, Central nervous system, H335, H336  
Reproductive toxicity (Category 2), H361 D  
Carcinogenicity (Category 2), H351

**Pictogram**

**Signalword** Danger

**HazardStatement**

Harmful in contact with skin.  
Harmful if inhaled.  
Harmful if swallowed.  
Causes skin irritation.  
Causes serious eye irritation  
May cause damage to organs through prolonged or repeated exposure  
Causes damage to organs  
May cause respiratory irritation  
May cause drowsiness or dizziness  
Suspected of damaging fertility or the unborn child



Suspected of causing cancer

**Precautionary**

Do not breathe mist/vapors/spray. Do not eat, drink or smoke when using this product. Do not handle until all safety precautions have been read and understood. Get medical advice/attention if you feel unwell. If exposed or concerned: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If inhaled: Remove person to fresh air and keep comfortable for breathing. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. If swallowed: Immediately call a poison center/doctor. Rinse mouth. Obtain special instructions before use. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Take off contaminated clothing and wash it before reuse. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazards not otherwise classified:**

Methylene Chloride has no flash point in a conventional closed tester, but it forms flammable vapor-air mixtures at approximately 100C (212F), or higher. Product forms flammable vapor-air mixtures. Lower temperature increases the difficulty of getting it to ignite; will release invisible vapors that form flammable mixtures that might ignite or explode. Vapors can travel considerable distances to an ignition source. Toxic gases will form upon combustion. Material can accumulate static charges which can cause an incendiary electrical discharge. Material will partially emulsify and sink in water. It has a low boiling point of 40C (104F).

**3. Composition/information on ingredients**

Name	CAS	Concentration
Alkyl (C10-16) Benzenesulfonic Acid	68584-22-5	1-10
Potassium Hydroxide	1310-58-3	1-10
Methylene Chloride	75-09-2	75-95
Toluene	108-88-3	<1
Methanol	67-56-1	5-15

**4. First-aid measures**

<b>General Advice</b>	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
<b>If Inhaled</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
<b>In Case of Skin Contact</b>	Wash off with soap and plenty of water. Consult a physician.
<b>In Case of Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>If Swallowed</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

**Indications of any immediate medical attention and special treatment needed**



No data available

### 5. Fire-fighting measures

<b>Extinguishing Media</b>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
<b>Special Hazards</b>	Carbon oxides, Hydrogen chloride gas
<b>Advice for firefighters</b>	Wear self-contained breathing apparatus for firefighting if necessary.
<b>Further Information</b>	No data available

### 6. Accidental release measures

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

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

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

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

### 7. Handling and storage

<b>Safe Handling</b>	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from heat, sparks and open flame. "Empty" containers retain product residue (liquid and/or vapor) that can be dangerous. Do NOT pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks, static electricity or other sources of ignition due to explosion or fire hazard. Empty drums should be completely drained and properly bunged and promptly returned to a reconditioner or other proper disposal.
<b>Safe Storage</b>	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

### 8. Exposure controls/personal protection

Name	CAS		
Alkyl (C10-16) Benzenesulfonic Acid	68584-22-5		
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
400 ppm	Not Available	200 ppm	400 ppm
Potassium Hydroxide	1310-58-3		
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
Not Available	Not Available	2 mg/m3	Not Available
Methylene Chloride	75-09-2		
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
25 ppm	125 ppm	50 ppm	Not Available



Toluene		108-88-3	
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
100 ppm	150 ppm	20 ppm	Not Available
Methanol		67-56-1	
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
200 ppm	Not Available	200 ppm	250 ppm

**Engineering Control** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Eye/Face Protection** Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin Protection** Handle with fluorinated rubber gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body Protection** Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory Protection** Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type AXBEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of Environmental Exposure**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

**9. Physical and chemical properties**

<b>Appearance</b>	Methylene Chloride	Liquid
<b>Odor</b>	Methylene Chloride	No data available
<b>Odor Threshold</b>	Methylene Chloride	No data available
<b>pH</b>	Methylene Chloride	No data available
<b>Melting/Freezing Point</b>	Methylene Chloride	-97.0 °C (-142.6 °F)
<b>Initial Boiling Point/Range</b>	Methylene Chloride	40.0 °C (104.0 °F)
<b>Flash Point</b>	Methylene Chloride	No flash point as defined by method. (Flash point may appear and drop as methylene chloride evaporates)
<b>Evaporation Rate</b>	Methylene Chloride	0.71
<b>Flammability</b>	Methylene Chloride	No data available



<b>Upper Explosion Limit</b>	Methylene Chloride	19%
<b>Lower Explosion Limit</b>	Methylene Chloride	12%
<b>Vapor Pressure</b>	Methylene Chloride	470.9 hPa (353.2 mmHg) at 20.0 °C (68.0 °F)
<b>Vapor Density</b>	Methylene Chloride	2.93 - (Air = 1.0)
<b>Relative Density</b>	Methylene Chloride	1.32 g/cm <sup>3</sup>
<b>Water Solubility</b>	Methylene Chloride	slightly soluble
<b>Partition Coefficient</b>	Methylene Chloride	log Pow: 1.25
<b>Auto Ignition Temperature</b>	Methylene Chloride	556.1 °C (1,033.0 °F) 662.0 °C (1,223.6 °F)
<b>Decomposition Temperature</b>	Methylene Chloride	No data available
<b>Viscosity</b>	Methylene Chloride	No data available

## 10. Stability and reactivity

<b>Reactivity</b>	No data available
<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions</b>	No data available
<b>Conditions to Avoid</b>	Heat, flames and sparks. Exposure to sunlight.
<b>Incompatible materials</b>	Alkali metals, Aluminum, Strong oxidizing agents, Bases, Amines, Magnesium, Strong acids and strong bases, Vinyl compounds
<b>Hazardous Decomposition Products</b>	No data available

**11. Toxicological information**

<b>Name</b>	<b>CAS</b>
Alkyl (C10-16) Benzenesulfonic Acid	68584-22-5
Oral: No data available	
Inhalation: No data available	
Dermal: No data available	
<b>Skin corrosion/irritation</b>	No data available
<b>Serious eye damage/eye irritation</b>	No data available
<b>Respiratory or skin sensitization</b>	No data available
<b>Germ cell mutagenicity</b>	No data available
<b>Carcinogenicity</b>	
<b>Reproductive</b>	No data available
<b>Additional information</b>	burning sensation, Cough, wheezing, laryngitis, Shortness of breath, spasm, inflammation and edema of the larynx, spasm, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin. Central nervous system depression, prolonged or repeated exposure can cause: Nausea, Headache, Vomiting, narcosis, Drowsiness, Overexposure may cause mild, reversible liver effects.

<b>Name</b>	<b>CAS</b>
Potassium Hydroxide	1310-58-3
Oral: No data available	
Inhalation: No data available	
Dermal: No data available	
<b>Skin corrosion/irritation</b>	No data available
<b>Serious eye damage/eye irritation</b>	No data available
<b>Respiratory or skin sensitization</b>	No data available
<b>Germ cell mutagenicity</b>	No data available
<b>Carcinogenicity</b>	Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA
<b>Reproductive</b>	No data available
<b>Additional information</b>	Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin., spasm, inflammation and edema of the larynx, spasm, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, burning sensation, Cough, wheezing, laryngitis, Shortness of breath, Headache, Nausea



Name	CAS
Methylene Chloride	75-09-2
LD50 Oral - Rat - > 2,000 mg/kg	
LC50 Inhalation - Rat - 52,000 mg/m3	
LD50 Dermal - Rat - > 2,000 mg/kg	
<b>Skin corrosion/irritation</b> Result: Irritating to skin. - 24 h	
<b>Serious eye damage/eye irritation</b> Result: Irritating to eyes. - 24 h	
<b>Respiratory or skin sensitization</b> No data available	
<b>Germ cell mutagenicity</b> Rat DNA damage	
<b>Carcinogenicity</b> IARC: 2B - Group 2B: Possibly carcinogenic to humans (Methylene chloride) NTP: Reasonably anticipated to be a human carcinogen (Methylene chloride) OSHA: OSHA specifically regulated carcinogen (Methylene chloride)	
<b>Reproductive</b> No data available	
<b>Additional information</b> Dichloromethane is metabolized in the body producing carbon monoxide which increases and sustains carboxyhemoglobin levels in the blood, reducing the oxygen-carrying capacity of the blood., Acts as a simple asphyxiant by displacing air., anesthetic effects, Difficulty in breathing, Headache, Dizziness, Prolonged or repeated contact with skin may cause:, defatting, Dermatitis, Contact with eyes can cause:, Redness, Blurred vision, Provokes tears., Effects due to ingestion may include:, Gastrointestinal discomfort, Central nervous system depression, Paresthesia., Drowsiness, Convulsions, Conjunctivitis., Pulmonary edema. Effects may be delayed., Irregular breathing., Stomach/intestinal disorders, Nausea, Vomiting, Increased liver enzymes., Weakness, Heavy or prolonged skin exposure may result in the absorption of harmful amounts of material., Abdominal pain	



Name	CAS
Toluene	108-88-3
LD50 Oral - Rat - > 5,580 mg/kg	
LC50 Inhalation - Rat - 4 h - 12,500 - 28,800 mg/m3	
LD50 Dermal - Rabbit - 12,196 mg/kg	
<b>Skin corrosion/irritation</b>	Result: Skin irritation - 24 h
<b>Serious eye damage/eye irritation</b>	Result: No eye irritation
<b>Respiratory or skin sensitization</b>	No data available
<b>Germ cell mutagenicity</b>	Rat - Liver, DNA damage
<b>Carcinogenicity</b>	IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Toluene)
<b>Reproductive</b>	Experiments have shown reproductive toxicity effects in male and female laboratory animals.
<b>Additional information</b>	Lung irritation, chest pain, pulmonary edema, Inhalation studies on toluene have demonstrated the development of inflammatory and ulcerous lesions of the penis, prepuce, and scrotum in animals., Central nervous system

Name	CAS
Methanol	67-56-1
LDLO Oral - Human - 143 mg/kg, LD50 Oral - Rat - 1,187 - 2,769 mg/kg	
LC50 Inhalation - Rat - 4 h - 128.2 mg/l, LC50 Inhalation - Rat - 6 h - 87.6 mg/l	
LD50 Dermal - Rabbit - 17,100 mg/kg	
<b>Skin corrosion/irritation</b>	Result: No skin irritation
<b>Serious eye damage/eye irritation</b>	Result: No eye irritation
<b>Respiratory or skin sensitization</b>	Does not cause skin sensitisation.
<b>Germ cell mutagenicity</b>	Result: negative
<b>Carcinogenicity</b>	Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA
<b>Reproductive</b>	No data available
<b>Additional information</b>	Methyl alcohol may be fatal or cause blindness if swallowed. Effects due to ingestion may include:, Headache, Dizziness, Drowsiness, metabolic acidosis, Coma, Seizures. Symptoms may be delayed., Damage of the:, Liver, Kidney





## 12. Ecological information

Name	CAS	Toxicity
Alkyl (C10-16) Benzenesulfonic	68584-22-5	No data available
Potassium Hydroxide	1310-58-3	No data available
Methylene Chloride	75-09-2	LC50 - Pimephales promelas (fathead minnow) - 193.00 mg/l - 96 h NOEC - Cyprinodon variegatus (sheepshead minnow) - 130 mg/l - 96 h EC50 - Daphnia magna (Water flea) - 1,682.00 mg/l - 48 h
Toluene	108-88-3	LC50 - Oncorhynchus mykiss (rainbow trout) - 7.63 mg/l - 96 h, NOEC - Pimephales promelas (fathead minnow) - 5.44 mg/l - 7 d, EC50 - Daphnia magna (Water flea) - 8.00 mg/l - 24 h, Immobilization EC50 - Daphnia magna (Water flea) - 6 mg/l - 48 h, EC50 - Chlorella vulgaris (Fresh water algae) - 245.00 mg/l - 24 h, EC50 - Pseudokirchneriella subcapitata (green algae) - 10.00 mg/l - 24 h
Methanol	67-56-1	mortality LC50 - Lepomis macrochirus (Bluegill) - 15,400.0 mg/l - 96 h, NOEC - Oryzias latipes - 7,900 mg/l - 200 h, EC50 - Daphnia magna (Water flea) - > 10,000.00 mg/l - 48 h, Growth inhibition EC50 - Scenedesmus capricornutum (fresh water algae) - 22,000.0 mg/l - 96 h

## 13. Disposal considerations

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

## 14. Transport information

Proper Shipping Name Toxic, Liquids, Organic, n.o.s., (Dichloromethane)

Hazard Class 6.1

Identification Number UN2810



Packing Group III

Label Toxic

15. Regulatory information

Name CAS
Alkyl (C10-16) Benzenesulfonic Acid 68584-22-5

SARA 302/304 No components were identified

SARA 313 No components were identified

CERCLA RQ = 1,000 lbs

SARA 311/312 Fire Hazard, Acute Health Hazard, Chronic Health Hazard

PROP 65 No components were identified

This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.

Name CAS
Potassium Hydroxide 1310-58-3

SARA 302/304 No components were identified

SARA 313 No components were identified

CERCLA RQ=1,000 lbs

SARA 311/312 Acute Health Hazard, Chronic Health Hazard

PROP 65 No components were identified

This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.

Name CAS
Methylene Chloride 75-09-2

SARA 302/304 No components were identified

SARA 313 313

CERCLA RQ=1000 lbs

SARA 311/312 Acute Health Hazard, Chronic Health Hazard

PROP 65 Cancer Hazard

This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory. This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.



Name	CAS
Toluene	108-88-3
<b>SARA 302/304</b>	No components were identified
<b>SARA 313</b>	313
<b>CERCLA</b>	RQ=1,000 lbs
<b>SARA 311/312</b>	Fire Hazard, Acute Health Hazard, Chronic Health Hazard
<b>PROP 65</b>	Developmental Hazard
This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.	
Name	CAS
Methanol	67-56-1
<b>SARA 302/304</b>	No components were identified
<b>SARA 313</b>	313
<b>CERCLA</b>	RQ=5,000 lbs
<b>SARA 311/312</b>	Fire Hazard, Acute Health Hazard, Chronic Health Hazard
<b>PROP 65</b>	Developmental hazard
This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.	

**16. Other information, including date of preparation or last revision**

SDS Date: 8/26/2019

Disclaimer:

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