

## Safety Data Sheet

### Section 1, Identification

**Product Identifier:** CS-18 Paint Remover  
**Synonyms:** CS-18  
**CAS No.:** Mixture  
**Manufacture Stock Number:** CS-18  
**Intended Use:**  
**Manufacturer:** BSI Companies  
123 Stout Drive  
Crossville, TN 38555  
Phone: (931) 484-9578  
Fax: (931) 484-7614

**Emergency Phone:** 1(800) 535-5053 INFOTRAC 24 hour response  
**Information Phone:** (931) 484-9578

### Section 2, Hazards Identification

**Classification:**

Highly Flammable liquid and vapor H224 (category 1)  
Fatal if swallowed H300 (category 1)  
Causes skin irritation H315 (category 2)  
Causes eye irritation H319 (category 2)  
May cause respiratory irritation, H335 (category 3)  
Carcinogenicity (category 2), H351  
Specific target organ toxicity - single exposure (category 3), Respiratory system, Central nervous system, H335, H336  
Specific target organ toxicity - repeated exposure, oral (category 2) Liver/blood. H373  
Specific target organ toxicity – repeated exposure, inhalation (category 2) Central nervous system, H373

**GHS-US Classification in accordance with 29 CFR 1910 (OSHA HCS)**

**Signal Word:** Danger!

**Pictogram:**



**Hazard Statements:**

H224 Highly flammable liquid and vapor  
H300 Fatal if swallowed.  
H315 Causes skin irritation.  
H319 Causes eye irritation.  
H335 Causes respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H351 Suspected of causing cancer.

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H373 May cause damage to organs (liver, blood) through repeated or prolonged exposure if swallowed.

H373 May cause damage to organs (Central nervous system) through repeated or prolonged exposure if inhaled.

**Precautionary Statements:** P201 Obtain Special instructions before use.  
P202 Do not handle until all safety precaution have been read and understood.  
P210 Keep away from heat/sparks/open flames/hot surfaces. –No Smoking.  
P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical/ventilating/lighting and equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P261 Avoid breathing dust/fumes/gas/vapors/mist/spray.  
P264 Wash thoroughly after handling.  
P281 Use personal protective equipment as required.

**Storage:** P403 + P235 Store in a well ventilated area and keep cool.  
P411 Store at temperatures not exceeding 85 F.

**Unknown Acute Toxicity: No additional information available.**

**Hazards not Otherwise Classified: No additional information available.**

**Section 3, Composition/Information on Ingredients**

CAS No.	Ingredient Name	Weight Percentage
67-56-1	Methanol	40-50 %
75-09-2	Methylene Chloride	15-20 %
67-64-1	Acetone	15-20 %
108-88-3	Toluene	5-15 %
78-93-3	Methyl Ethyl Ketone	5-15 %

Occupational exposure limits, if available, are listed in section 8

**Section 4, First Aid Measures**

**Eyes:** Immediately flush with plenty of water for at least 15 minutes. Get medical attention.

**Ingestion:** Call physician or poison control center immediately. Only induce vomiting at the direction of medical personnel. Never give anything by mouth to an unconscious person.

**Skin:** Immediately flush with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Call physician or poison control center immediately if exposure deems it necessary.

**Inhalation:** Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call physician or poison control center immediately if exposure deems it necessary.

**Section 5, Fire Fighting Measures**

**Suitable Extinguishing Media:** Water spray, dry chemical, carbon dioxide, alcohol resistant foam.

**Unsuitable Extinguishing Media:** Do not use a heavy stream of water. This may spread burning liquid.

**Fire Fighting Instructions:** Use self contained breathing apparatus and protective clothing. Use water spray to keep fire exposed containers cool.

**Section 6, Accidental Release Measures**

**Emergency Procedures:** Stop spillage/leakage at the source if safe to do so. Remove sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation of affected area.

**Personal Protective Equipment:** Use required personal protective equipment. See section 8.

**General Measures:** Cover spilled product with an inert absorbent i.e. Vermiculite or similar material.

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Do not use sawdust to absorb spilled products.

Place wet absorbent into metal container and secure with lid. Label container with appropriate information.

**Environmental Precautions:** Prevent further leakage or spillage if safe to do so. Do not allow product to enter drains.

**Reference to other sections:** Section 8, Exposure Controls and Personal Protection.

**Method for Containment:** Soak up with inert absorbent and dispose of as hazardous waste. Keep in suitable closed container for disposal.

**Reference to Other sections:** Section 8, Exposure Controls and Personal Protection

### Section 7, Handling and Storage

**Handling:** Avoid contact with skin or eyes. See section 2

**Storage:** Keep container tightly closed and store in a dry well ventilated area. Do not store in direct sunlight. Open slowly, product can develop unsafe pressure if stored in direct sunlight or above 80 F.

### Section 8, Exposure Controls and Personal Protection

**Occupational Exposure Limits:**

Ingredient	USA- ACGIH TLV	USA- OSHA PEL	STEL
Methylene Chloride	50 ppm TWA	125 ppm STEL, 25 ppm TWA	
Methanol	250 ppm STEL	200 ppm TWA	
Acetone	500 ppm TWA	1000 ppm TWA	
Toluene	100 ppm STEL	200 ppm STEL, 300 ppm Ceiling	
MEK	300 ppm TWA	300 ppm TWA	

**Appropriate Engineering Controls:** Controlling vapor concentrations with exhaust fans is always recommended when working indoors. Always refer to the SDS in regards to permitted exposure levels. Local exhaust ventilation is necessary for most applications, including working outdoors. Monitoring badges for Methylene Chloride are recommended to determine vapor concentrations in your work areas. Contact Besway Systems, Inc. for further information. Do not allow flammable vapors to build up in any work area.

**Personal Protective Equipment:** Splash goggles/face shield, chemical resistant gloves, Chemical resistant apron and proper foot protection i.e. steel toe boots. A self contained breathing apparatus should be used when vapor concentrations are above permitted exposure limits.

**Other Protective Information:** Personal Protective Equipment in case of spill or leakage: Self contained (full faced) breathing apparatus (SCBA), Chemical resistant gloves, chemical resistant boots and protective clothing, full body Tyvek suit.

### Section 9, Physical and Chemical Properties

**Physical State:** Liquid

**Appearance:** Clear

**Color:** Water white

**Odor:** Typical solvent odor.

**pH:** Not applicable

**Boiling Point:** 131 F

**Vapor Density:** 2.0 (air = 1)

**Vapor Pressure:** 180 mm hg @68 F

**Specific Gravity:** 0.809

**Percent Volatile:** > 80 %

**Flash Point:** 10 C

**Auto-ignition Temperature:** 446 C

### Section 10, Stability and Reactivity

**Reactivity:** None

**Chemical Stability:** Stable

**Possibility of Hazardous Reactions:** None

**Conditions to Avoid:** Open flames, electrical sparks or welding torches. Do not smoke when using this product.

**Incompatible Materials:** Oxidizing materials.

**Hazardous Decomposition Products:** Combustion will produce Carbon Dioxide.

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**Section 11, Toxicological Information**

**Acute Toxicity:** LD50 Oral (rat) 6.2 mg/kg

LC50 Inhalation (rat) >22500 ppm (8 hr.)

LD50 Dermal (rat) 15.8 mg/kg

**Skin irritation:** Causes skin irritation.

**Eye irritation:** Causes eye irritation.

**Reproductive Toxicity:** No data available.

**Symptoms of overexposure::** Prolonged exposure to high vapor concentration, skin absorption or ingestion may result in visual disturbances, metabolic acidosis, headache, giddiness, nausea, insomnia, gastric disturbances, dizziness and slow breathing (Methanol).

**Other Information:** Toxicological information determined using bridging principals from current raw material SDS information. IARC: 2B- Group 2B: Possibly carcinogenic to humans (Methylene Chloride).

**Skin Sensitization:** None

**Carcinogenic:** **California Prop 65.** This product contains a chemical known to the State of California to cause cancer (Methylene Chloride).

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR1910.1200).

**Other Information:** Toxicological information determined using bridging principals from current raw material SDS information. IARC: 2B- Group 2B: Possibly carcinogenic to humans (Methylene Chloride).

**Section 12, Ecological Information**

**Keep Out of Water Ways.**

**Section 13, Disposal**

**Dispose of in accordance with local, regional, national and international regulations.**

**Section 14, Transportation Information**

**UN Number:** 1263

**UN Number (DOT):** UN 1263

**UN Proper Shipping Name:** Paint Related Material.

**DOT Classification:** 3

**Hazard Classification:** Flammable

**Hazard Labels:** Flammable

**Packing Group:** II

**Section 15, Regulatory Information**

**Materials Listed on the United States TSCA (Toxic Substance Control Act) Inventory.**

**California Prop 65.** This product contains a chemical known to the State of California to cause cancer (Methylene Chloride). OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR1910.1200).

**SARA 302 Components:** The following materials are subject to reporting requirements of section 313 of SARA Title III and 40 CFR Part 372, which may apply to companies with 10 or more employees. Methylene Chloride, Methanol, Toluene and Methyl Ethyl Ketone.

**Section 16, Other Information**

**Revision Date:** April 20<sup>th</sup> 2015.

**Other Information:** This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**This information is based on our knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not be construed as guaranteeing any specific property of the product.**