

MATERIAL SAFETY DATA SHEET
SAFETY-KLEEN CORP.
 777 Big Timber Rd.
 Elgin, IL 60123



IDENTITY (As Used on Label and List) Safety-Kleen Brake Cleaner 619		Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.	
Section I		Part #7715	
Manufactured for: Safety-Kleen Corp.		Emergency Telephone Number 312/697-8460	
Address (Number, Street, City, State, and ZIP Code) 777 Big Timber Road		Telephone Number for Information 312/697-8460	
Elgin, Illinois 60123		Date Prepared 11/8/85, Revised 06-08-87, 9/29/87	
		Signature of Preparer (optional)	

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
1,1,1-Trichloroethane	71-55-6	350 ppm	350 ppm	-	~ 70
Perchloroethylene	127-18-4	100 ppm	50 ppm	-	~ 30
Carbon Dioxide	124-38-9	5000 ppm	5000 ppm	-	~ < 2

NOTE: This is a pressurized package (aerosol).

Section III — Physical/Chemical Characteristics

Boiling Range of Concentrate	165°F. - 250°F.	Specific Gravity (H ₂ O = 1)	N/A
Vapor Pressure (mm Hg.) @ 20°C. (Concentrate)	13-350	Melting Point	N/A
Vapor Density (AIR = 1)	> 1	Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water
N/A

Appearance and Odor
Clear spray mist has characteristic chlorinated solvent odor.

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) Non-flammable Aerosol	Flammable Limits N/A	LEL N/A	UEL N/A
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Extinguishing Media
Contents of formulation will not burn or support combustion.

Special Fire Fighting Procedures
Water may be used to cool or to keep cool containers exposed to fire.

Unusual Fire and Explosion Hazards Avoid exposure to direct sunlight or other heat to avoid excess pressure in the container. Do not spray near flames. When decomposed in flame, chlorinated solvents produce toxic and corrosive fumes.

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	Do not store above 120°F.

Incompatibility (Materials to Avoid)

N/A

Hazardous Decomposition or Byproducts

When decomposed by flames, these chlorinated solvents produce toxic and corrosive fumes.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation? yes	Skin? yes	Ingestion? unlikely
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Health Hazard (Acute and Chronic)

In confined areas, vapors in high concentrations can be anesthetic-irritant to skin, eyes and respiratory system. Harmful or fatal if swallowed.

Carcinogenicity:	NTP? Yes (Perc)	IARC Monographs? Group 3 (Perc)	OSHA Required? no
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Signs and Symptoms of Exposure

Overexposure may result in light-headedness, staggering gait, giddiness and nausea.

Medical Conditions

Notably Aggravated by Exposure Existing liver and kidney conditions.

Emergency and First Aid Procedures

Breathing - Remove patient to fresh air. Eyes - Irrigate with water for 15 minutes.

Skin - Wash with soap and water. Ingestions - Call a physician. DO NOT INDUCE VOMITING.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Ventilate area. Avoid breathing vapors. Remove residue with inert sorbent.

Waste Disposal Method

Do not incinerate. Dispose of in accordance with company, local, state and federal regulations.

Precautions to Be Taken in Handling and Storage

Do not store above 120°F. Store at room temperature as exposure to direct sunlight or heat may cause bursting. Keep away from children. Do not puncture or incinerate. Do not spray near fire or flame.

Section VIII — Control Measures

Respiratory Protection (Specify Type)

None required when used with adequate ventilation.

Ventilation	Local Exhaust	Special
	Yes	N/A
	Mechanical (General)	Other
	Yes	N/A

Protective Gloves

Yes - neoprene.

Eye Protection

Safety glasses.

Other Protective Clothing or Equipment

N/A

Work/Hygiene Practices

Do not smoke while using this product.