



# Material Safety Data Sheet

Revision Date 03-Jan-2014

## 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

**Product code** KT13395  
**Product name** VINYL & PLASTIC CLEANER  
**Recommended Use** Cleaner  
**Supplier** Kent Automotive  
8770 W.Bryn Mawr Ave.- Suite 900  
Chicago, IL 60631  
1-866-529-7664  
**Emergency telephone number** (888) 426-4851

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

Combustible material. Irritant. Contents under pressure.

### Aggravated Medical Conditions

Allergies. Pre-existing skin sensitivity.

### Principal Routes of Exposure

Inhalation. Eyes. Skin contact.

### Potential health effects

**Eyes** Irritation. Redness. Itching. Burning sensation.

**Skin** Repeated or prolonged exposure may cause:. Skin Irritation. Redness. Itching. Burning sensation.

**Inhalation** Repeated or prolonged exposure may cause the following effects:. Upper respiratory tract irritation. Central nervous system effects. Extreme overexposure may cause. Headaches. Dizziness. Nausea. Loss of coordination. Possible unconsciousness. Death. Misuse by deliberately concentrating vapors and inhaling contents can be harmful or fatal.

**Ingestion** May be harmful if swallowed.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Butane	106-97-8	5-10
Propane	74-98-6	1-5

## 4. FIRST AID MEASURES

**Eye contact** Flush with plenty of water for at least 15 minutes. Seek medical attention.

**Skin contact** Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use.

**Ingestion** Do Not induce vomiting. Immediate medical attention is required.

**Inhalation** Remove from exposure. Restore breathing. Keep warm and quiet. Call a physician immediately.

## 5. FIRE FIGHTING MEASURES

**Flash point °C** < -17.78  
**Flash point °F** < 0  
**Method** No information available

**Autoignition temperature °C** No data available  
**Autoignition temperature °F** No data available

### Flammability Limits (% in Air)

**Upper** 9.5  
**Lower** 1.9

### Specific Information for Aerosol Products

**Flame extension** < 18"  
**Flashback** None

### Suitable extinguishing media

Carbon dioxide (CO2). Dry chemical powder. Alcohol foam.

### Special protective equipment for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### Fire and Explosion Hazards

Keep product and empty container away from heat and sources of ignition. Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat. Water spray may be ineffective. If water is used, fog nozzles are preferable. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

### Sensitivity to shock

No information available.

**Sensitivity to static discharge**

Yes. Take precautionary measures against static discharges.

**6. ACCIDENTAL RELEASE MEASURES****Methods for cleaning up**

Eliminate all sources of ignition. Ventilate area to maintain exposure below permissible exposure limits. Soak up with inert absorbent material.

**7. HANDLING AND STORAGE****Handling**

Keep in a well-ventilated place. Turn off other sources of ignition prior to use and until all vapors have dissipated. Vapors may accumulate readily and may ignite explosively. Remove all sources of ignition. Keep away from open flame. Do not smoke. Check to make sure that all equipment is properly grounded and installed to satisfy electrical classification requirements. Ground and bond containers when transferring material. Contents under pressure. Do not puncture or incinerate. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of reach of children.

**Storage**

Store in temperatures below 120 degrees F (50 degrees C) .

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Propane	1000 ppm 1800 mg/m <sup>3</sup>	-	1000 ppm	-
Butane	800 ppm	-	-	1000 ppm

**Ventilation and Environmental Controls**

Provide adequate ventilation. Local: as necessary. General: as necessary.

**Hygiene measures**

Wash hands before breaks and immediately after handling the product.

**Other precautions**

Avoid contact with the skin and the eyes. Avoid breathing vapors or mists.

**Respiratory protection**

If the exposure limits are exceeded, a NIOSH/MSHA approved respirator is recommended. Wear a NIOSH approved organic vapor/particulate respirator.

**Hand Protection**

Gloves are not required in normal use. The following gloves are recommended for prolonged or repeated contact: . Chemical resistant gloves.

**Eye protection**

Wear safety glasses with side shields.

**Skin and body protection**

None necessary under normal conditions

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form	Aerosol
Color	Colorless
Odor	Solvent
Odor Threshold	No information available
pH	11.0
Specific Gravity	0.93
Vapor pressure	No data available
Density	7.72 lb/gal, 925 g/l
Vapor density	>1 (air=1)
Evaporation Rate	>1 (ether = 1)
Water solubility	No data available
VOC Content	9.93%
Partition Coefficient (n-octanol/water)	No data available
Boiling point/range °C	-18 - 100
Boiling point/range °F	0 - 213
Melting point/range °C	No data available
Melting point/range °F	No data available
Flash point °C	< -17.78
Flash point °F	< 0

**10. STABILITY AND REACTIVITY****Stability**

Stable.

**Conditions to avoid**

None known.

**Incompatibility**

None.

**Hazardous Decomposition Products**

Carbon dioxide. Carbon monoxide.

**Polymerization**

Hazardous polymerization does not occur.

**11. TOXICOLOGICAL INFORMATION****Component Information**

Chemical Name	LD50 (oral,rat)	LD50 (dermal,rat/rabbit)	LC50 (inhalation,rat)
<i>Propane</i> 74-98-6	-	-	658 mg/L
<i>Butane</i> 106-97-8	-	-	658 g/m <sup>3</sup>

**Synergistic Products**

None known

**Specific Hazards**

Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain damage.

Product code **KT13395**

Product name **VINYL & PLASTIC CLEANER**

**Potential health effects**

**Sensitization** None known .  
**Chronic toxicity** See Section 2 .  
**Mutagenic effects** None known .  
**Teratogenic effects** None known .  
**Reproductive toxicity** None known .  
**Target Organ Effects** None Known.  
**Carcinogenic effects** See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Propane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Butane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

Chemical Name	EINECS	DSL	NDSL	TSCA
Propane	X	X	-	X
Butane	X	X	-	X

**CPR**

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

**16. OTHER INFORMATION**

**HMIS**

**Health - 2**  
**Flammability - 2**  
**Physical Hazard - 0**

**Prepared By**

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The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity effects** No information available

**13. DISPOSAL CONSIDERATIONS**

**Disposal Information**

As supplied, this product is a RCRA Hazardous Waste . Waste must be tested for ignitability to determine EPA hazardous waste numbers. Do not puncture or incinerate. Depressurize before disposal. Dispose in accordance with federal, state, and local regulations.

**14. TRANSPORTATION INFORMATION**

**DOT**

Consumer commodity, ORM-D.

**TDG**

Consumer commodity, ORM-D.

**15. REGULATORY INFORMATION**

**State Regulations**

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Propane	Listed	Listed	Not Listed
Butane	Listed	Listed	Not Listed

**International Inventories**