

### CitraSolv

MSDS Number: 105

Revision Date: 10/6/2014

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## 1 PRODUCT AND COMPANY IDENTIFICATION

### Manufacturer

Cajun Kleen Products, LLC  
 101 Royal Street  
 West Monroe, LA 71291

**Contact:** Cajun Kleen Products  
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**Product Name:** CitraSolv  
**Revision Date:** 10/6/2014  
**Version:** 2  
**MSDS Number:** 105  
**Common Name:** CitraSolv  
**Internal ID:** CS  
**Product Use:** Citrus Based Cleaner

Emergency Contact: CHEMTEL 1(800) 255-3924

## 2 HAZARDS IDENTIFICATION

**Route of Entry:** Eyes; Inhalation; Skin;

**Inhalation:** May cause nose, throat, and respiratory tract irritation, coughing, headache.

**Skin Contact:** May Cause Slight Redness. Prolonged or repeated exposure may cause drying of skin

**Eye Contact:** May cause moderate to severe irritation, redness, and/or burning.

**Ingestion:** Not likely to be toxic. May cause vomiting, headache, or other medical problems. Ingestion is not an applicable route of entry for intended use.

NFPA: Health = 1, Fire = 2, Reactivity = 0



GHS Classifications:  
 Physical, Flammable Liquids, 4

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**GHS Phrases:**

H227 - Combustible liquid

**GHS Precautionary Statements:**

P102 - Keep out of reach of children.

P103 - Read label before use.

P202 - Do not handle until all safety precautions have been read and understood.

P220 - Keep/Store away from clothing/combustible materials.

Medical Conditions Aggravated by exposure: May irritate the skin of people with pre-existing skin conditions.

Does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, ACGIH, or NTP.

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### COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients:**

Cas #	Percentage	Chemical Name
111-76-2	< 3%	2-Butoxyethanol
94266-47-4	>75%	Citrus Terpenes

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### FIRST AID MEASURES

**Inhalation:** If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

**Skin Contact:** Wash with soap and water. If irritation develops, seek medical attention.

**Eye Contact:** Flush with large amounts of water. Remove contact lenses at once. If irritation persists, seek medical attention.

**Ingestion:** Seek immediate medical attention Do not induce vomiting. Rinse mouth with water. Do not administer anything by mouth to an unconscious person. Do not leave victim unattended

As with any chemical, employees should thoroughly wash hands with soap and water after handling material.

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### FIRE FIGHTING MEASURES

**Flash Point:** >100F (43C)

**Autoignition Temp:** 458F (237C)

**LEL:** 0.7%

**UEL:** 6.1%

Suitable Extinguishing Media: Carbon dioxide, foam or dry chemical. Caution: Carbon Dioxide will displace air in confined spaces and may create an oxygen deficient atmosphere.

Unsuitable Extinguishing Media: Water

Products of Combustion: Forms acidic fumes, carbon monoxide, and carbon dioxide

Protection of Firefighters: Vapors may be irritating to eyes, skin, and respiratory tract. Firefighters should wear self contained breathing apparatus (SCBA) and full fire-fighting turnout gear.

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### ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in section 8.

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Watch out for slippery conditions when spillage. Isolate the hazard area. Deny entry to unnecessary and unprotected personnel.

Keep away from drains and ground water.

Pick up excess with inert absorbant material, such as dirt or sand, and place into separate waste container.

Eliminate all ignition sources. Use equipment rated for use around combustible materials. Oil soaked rags may spontaneously combust; place in appropriate disposal container.

There are no special reporting requirement for this spill of material

### 7 HANDLING AND STORAGE

**Handling Precautions:** Keep away from sources of ignition. Use approved containers only and open slowly to release pressure caused by temperature variations.

Keep material out of reach of children. Avoid contact with eyes, skin, or clothing. Use in well ventilated area. Avoid breathing vapors or mist. Wash thoroughly after handling.

**Storage Requirements:** Keep away from heat, sparks, and flames. Store in cool/dry area. Suitable packing materials. Storage temperature should not exceed flash point for extended period of times. Keep closed when not in use. Do not cut, drill, grind, or weld on or near this container; residual vapors may ignite.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94). Keep away from sparks and flames.

**Personal Protective Equip:** Chemical safety glasses; Chemical goggles; Boots, apron, or bodysuit should be worn as necessary. Nitrile gloves; Respiratory Protection: not normally required. If adequate ventilation is unavailable, use NIOSH approved air-purifying respirator with organic vapor cartridge or canister.

General Hygeine Considerations: Wash hands thoroughly after handling. Have eyewash station and emergency shower facilities immediately available. Launder contaminated clothing before reuse

8h TWA=30 ppm (AIHA standard)

### 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Colorless liquid.

**Physical State:** Liquid

**Spec Grav./Density:** .9 @ 68F

**Boiling Point:** 349F (176C)

**Vapor Pressure:** <2mmHG @ 68F

**Evap. Rate:** 0.2 (BuAc=1)

**Odor:** Citrus aroma

**Solubility:** Insoluable in Water

**Freezing/Melting Pt.:** -140F thickens at -108F

**Flash Point:** >110F

**VOC:** >95% by volume

**Auto-Ignition Temp:** 458F

**UFL/LFL:** LEL .7% UFL 6.1%

these specifications represent a typical sample of this product, but actual values may vary.

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### 10 STABILITY AND REACTIVITY

<b>Stability:</b>	Avoid sources of ignition such as sparks, hot spots, welding flames and lighted cigarettes which may yield toxic and/or corrosive decomposition products. Avoid Extreme Heat Product is stable under normal conditions.
<b>Conditions to Avoid:</b>	Avoid Extreme Heat, Sparks, and flames
<b>Materials to Avoid:</b>	Strong Oxidizing Agents. Strong Acids; including acidic clays, peroxides, halogens, vinyl chloride, and iodine pentafluoride.
<b>Hazardous Decomposition:</b>	Oxides of citrus terpenes, which can result from improper storage and handling, are known to cause skin sensitization

### 11 TOXICOLOGICAL INFORMATION

#### Toxicity Data:

Eye Effects:	Not Known.
Skin Effects:	Acute, Low
Acute Inhalation Effects:	Acute, Low.
Chronic Effects:	Not Known.
Carcinogenicity:	Not Known.
Mutagenicity:	Not Known.
Teratogenicity:	Not Known.

Acute Oral Effects:  
Low oral toxicity when tested on rabbits.

Inhalation may cause irritation to nose, throat, and respiratory tract.

### 12 ECOLOGICAL INFORMATION

Readily biodegradable. Citrus terpenes volatilize rapidly.

Spill may produce significant toxicity to aquatic organisms and ecosystems. When spilled this product may act as an oil, causing a film, sheen, emulsion or sludge at or beneath the surface of a body of water.

### 13 DISPOSAL CONSIDERATIONS

Recommendation: consultation with the disposal agency and the relevant authorities; cleansing agent is water. Dispose of in accordance with local regulations. Suitable waste-disposal site approved by local authorities.

Taking regulations into consideration, waste may be incinerated or handled through EPA spill control plan via landfill or dilution. Commercially clean containers prior to disposal. Oil soaked rags should be disposed of properly to prevent spontaneous combustion.

### 14 TRANSPORT INFORMATION

DOT Class: Flammable Liquid (3) #3  
UN #: UN 2319, Class: 3, III, Proper Shipping Name: Terpene hydrocarbons, n.o.s.

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exception 173.150 (f) applies

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### REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

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\* (0 n/a%) REACH

\* (0 n/a%) REACH

\*2-Butoxyethanol (111762 <2%) HAP, MASS, OSHAWAC, PA, TSCA, TXAIR

\* (0 n/a%) REACH

REGULATORY KEY DESCRIPTIONS

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REACH = REACH List of Substances of Very High Concern (RSL)

HAP = Hazardous Air Pollutants

MASS = MA Massachusetts Hazardous Substances List

OSHA = OSHA Workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

TSCA = Toxic Substances Control Act

TXAIR = TX Air Contaminants with Health Effects Screening Level

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### OTHER INFORMATION

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