



## Safety Data Sheet

Material Name: SAFETY-KLEEN CLEAR CHOICE CLEANING SOLVENT

SDS ID: 82730

### \*\*\* Section 1 - Identification \*\*\*

#### Product Identifier

Safety-Kleen Clear Choice Cleaning Solvent

#### Product Code

5120, 5125

#### Synonyms

Acetone, 2-Propanone, Dimethyl Ketone.

#### Recommended Use

VOC exempt solvent used to clean coating equipment (e.g., paint spray guns). If this product is used in combination with other products, refer to the Material Safety Data Sheet for those products.

#### Restrictions on Use

None known.

#### Manufacturer Information

Safety-Kleen Systems, Inc.  
2600 North Central Expressway  
Suite 400  
Richardson, TX 75080  
www.safety-kleen.com

Phone: 1-800-669-5740

Emergency # 1-800-468-1760

#### Issue Date

January 5, 2015

#### Supersedes Issue Date

April 1, 2013

#### Original Issue Date

January 27, 1998

### \*\*\* Section 2 - Hazard(s) Identification \*\*\*

#### Classification in Accordance with 29 CFR 1910.1200.

Flammable Liquids, Category 2

Eye Damage / Irritation, Category 2A

Specific Target Organ Toxicity - Single Exposure, Category 3 (central nervous system and respiratory tract)

#### GHS LABEL ELEMENTS

##### Symbol(s)



##### Signal Word

DANGER!

##### Hazard Statement(s)

Highly flammable liquid and vapor

Causes serious eye irritation

May cause drowsiness and dizziness and respiratory irritation

# Safety Data Sheet

Material Name: SAFETY-KLEEN CLEAR CHOICE CLEANING SOLVENT

SDS ID: 82730

## Precautionary Statement(s)

### Prevention

Keep away from heat, sparks, open flame, and hot surfaces - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves and eye/face protection. Wash thoroughly after handling. Avoid breathing vapor or mist. Use only outdoors or in a well-ventilated area.

### Response

In case of fire, use carbon dioxide, alcohol-resistant foam, dry chemical, water spray, or water fog. IF exposed or concerned: Call a POISON CENTER or doctor/physician. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

### Storage

Store in a well-ventilated place. Keep cool. Keep container tightly closed.

### Disposal

Dispose of in accordance with all applicable federal, state and local regulations.

### Hazard(s) Not Otherwise Classified

None known.

## \*\*\* Section 3 - Composition / Information on Ingredients \*\*\*

| CAS     | Component | Percent |
|---------|-----------|---------|
| 67-64-1 | Acetone   | 100     |

## \*\*\* Section 4 - First Aid Measures \*\*\*

### Description of Necessary Measures

#### Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

#### Skin

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical advice/attention.

#### Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

#### Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

### Most Important Symptoms/Effects

#### Acute

Eye irritation, central nervous system depression, respiratory tract irritation.

#### Delayed

No information on significant adverse effects.

### Indication of Immediate Medical Attention and Special Treatment Needed, If Needed

Treat symptomatically and supportively.

## \*\*\* Section 5 - Fire-Fighting Measures \*\*\*

### Suitable Extinguishing Media

Carbon dioxide, alcohol-resistant foam, dry chemical, water spray, or water fog.

## Safety Data Sheet

Material Name: SAFETY-KLEEN CLEAR CHOICE CLEANING SOLVENT

SDS ID: 82730

### Unsuitable Extinguishing Media

Do not use high-pressure water streams.

### Specific Hazards Arising from the Chemical

Highly flammable liquid and vapor Avoid friction, static electricity and sparks. The vapor is heavier than air. Vapors or gases may ignite at distant ignition sources and flash back. Empty containers may contain product residue. Runoff to sewer may cause a fire or explosion hazard.

### Hazardous Combustion Products

Decomposition and combustion materials may be toxic., Burning may produce carbon monoxide and unidentified organic compounds.

### Special Protective Equipment and Precautions for Firefighters

A positive-pressure, self-contained breathing apparatus (SCBA) and full-body protective equipment are required for fire emergencies.

### Fire Fighting Measures

Move container from fire area if it can be done without risk. Cool containers with water spray until well after the fire is out. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas. Apply water from a protected location or from a safe distance. Dike for later disposal.

**NFPA Ratings: Health: 1 Fire: 3 Reactivity: 0**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

## \* \* \* Section 6 - Accidental Release Measures \* \* \*

### Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective clothing and equipment, see Section 8. Avoid release to the environment.

### Methods and Materials for Containment and Clean Up

Remove all ignition sources. Do not touch or walk through spilled product. Stop leak if you can do it without risk. Wear protective equipment and provide engineering controls as specified in **Section 8: Exposure Controls/Personal Protection**. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Ventilate area and avoid breathing vapor or mist. A vapor suppressing foam may be used to reduce vapors. Contain spill away from surface water and sewers. Contain spill as a liquid for possible recovery, or sorb with compatible sorbent material and shovel with a clean, sparkproof tool into a sealable container for disposal.

Additionally, for large spills: Water spray may reduce vapor, but may not prevent ignition in closed spaces. Dike far ahead of liquid spill for collection and later disposal.

There may be specific federal regulatory reporting requirements associated with spills, leaks, or releases of this product. Also see **SECTION 15: REGULATORY INFORMATION**.

## \* \* \* Section 7 - Handling and Storage \* \* \*

### Precautions for Safe Handling

Keep away from heat, sparks, or flame. Where flammable mixtures may be present, equipment safe for such locations should be used. Use clean tools and explosion-proof equipment. When transferring large volumes of product, metal containers, including trucks and tank cars, should be grounded and bonded. Do not breathe vapor or mist. Use in a well ventilated area. Avoid contact with eyes, skin, clothing, and shoes. Do not smoke when using this product.

### Conditions for Safe Storage, Including Any Incompatibilities

Keep container tightly closed when not in use and during transport. Do not pressurize, cut, weld, braze, solder, drill, or grind containers. Keep containers away from heat, flame, sparks, static electricity, or other sources of ignition; containers may explode and cause injury or death. Empty product containers may retain product residue and can be dangerous. See **Section 14: Transportation Information** for Packing Group information.

### Incompatibilities

Strong oxidizing materials.

## Safety Data Sheet

Material Name: SAFETY-KLEEN CLEAR CHOICE CLEANING SOLVENT

SDS ID: 82730

### \*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\*

#### Component Exposure Limits

##### Acetone (67-64-1)

ACGIH: 500 ppm TWA  
750 ppm STEL

OSHA Final: 1000 ppm TWA; 2400 mg/m<sup>3</sup> TWA

OSHA Vacated: 750 ppm TWA; 1800 mg/m<sup>3</sup> TWA  
2400 mg/m<sup>3</sup> STEL (The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors); 1000 ppm STEL

NIOSH: 250 ppm TWA; 590 mg/m<sup>3</sup> TWA

#### Appropriate Engineering Controls

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits. Ensure compliance with applicable exposure limits.

#### Individual Protective Measures, such as Personal Protective Equipment

Personal protective equipment should be selected based upon the conditions under which this material is used. A hazard assessment of the work area for PPE requirements should be conducted by a qualified professional pursuant to regulatory requirements. The following PPE should be considered the minimum required: safety glasses, gloves, lab coat or apron.

#### Eyes/Face Protection

Eye protection: Safety glasses with side shields should be worn at a minimum. Additional protection such as goggles, face shields, or respirators may be needed depending upon anticipated use and concentrations of mists or vapors. Provide an emergency eye wash fountain and quick drench shower in the immediate work area. Contact lens use is not recommended.

#### Skin Protection

Where skin contact is likely, wear neoprene, nitrile, or equivalent protective gloves; use of natural rubber or equivalent gloves is not recommended. Wear protective gloves/clothing.

#### Respiratory Protection

A NIOSH approved air-purifying respirator with an appropriate cartridge or canister may be appropriate under certain circumstances where airborne concentrations are expected to exceed exposure limits.

### \*\*\* Section 9 - Physical & Chemical Properties \*\*\*

Appearance/Odor : Clear and colorless, sweet odor

Boiling Point: 133 °F (56 °C)

Solubility (H<sub>2</sub>O): Complete

Density: 6.6 lb/ US gal (790 g/L)

Evaporation Rate: 6 (butyl acetate = 1)

LFL: 2.5 Vol %

UFL: 13 Vol %

Vapor Pressure: 180 mm Hg at 68 °F (20 °C)

Decomposition Temperature: Not available

#### Other Property Information

No information is available.

pH: Not available

Odor Threshold: 20 ppm

Melting Point: Not available

Specific Gravity: 0.79 (water=1)

Octanol/H<sub>2</sub>O Coeff.: Log Pow= -0.24

Auto Ignition Temperature: 869 °F (465 °C)

Flash Point: -4 °F (-20 °C)

Viscosity: Not available

Vapor Density: Not available

### \*\*\* Section 10 - Stability & Reactivity \*\*\*

#### Reactivity

No reactivity hazard is expected.

#### Chemical Stability

Stable under normal temperatures and pressures.

#### Possibility of Hazardous Reactions

Will not polymerize.

## Safety Data Sheet

Material Name: SAFETY-KLEEN CLEAR CHOICE CLEANING SOLVENT

SDS ID: 82730

### Conditions To Avoid

Avoid heat, sparks, or flame when not in use.

### Incompatible Materials

Strong oxidizing materials

### Hazardous Decomposition Products

None under normal temperatures and pressures., See also **SECTION 5: HAZARDOUS COMBUSTION PRODUCTS.**

## \* \* \* Section 11 - Toxicological Information \* \* \*

### Toxicity Data and Information

#### Component Analysis - LD50/LC50

Acetone (67-64-1)

Inhalation LC50 Rat 50100 mg/m3 8 h

### Information on Likely Routes of Exposure

#### Inhalation

May cause respiratory tract irritation. May cause drowsiness and dizziness.

#### Ingestion

No information on significant adverse effects.

#### Skin Contact

No information on significant adverse effects.

#### Eye Contact

Causes serious eye irritation.

### Immediate Effects

Eye irritation, central nervous system depression, respiratory tract irritation.

### Delayed Effects

No information on significant adverse effects.

### Irritation/Corrosivity

Eye irritation, respiratory tract irritation.

### Respiratory Sensitization

No information available for the product.

### Skin Sensitization

No information available for the product.

### Carcinogenicity

#### Component Carcinogenicity

Acetone (67-64-1)

ACGIH: A4 - Not Classifiable as a Human Carcinogen

### Germ Cell Mutagenicity

Based on best current information, there is no known mutagenicity associated with this product.

### Teratogenicity

Based on best current information, there is no known teratogenicity associated with this product.

### Reproductive Effects

Based on best current information, there is no known reproductive toxicity associated with this product.

### Specific Target Organ Effects - Single Exposure

Central nervous system, respiratory tract irritation

### Specific Target Organ Effects - Repeated Exposure

No information on significant adverse effects.

### Aspiration Hazard

No data available.

### Medical Conditions Aggravated by Exposure

Blood disorders, respiratory disorders, central nervous system disorders, eye disorders

## Safety Data Sheet

Material Name: SAFETY-KLEEN CLEAR CHOICE CLEANING SOLVENT

SDS ID: 82730

### \*\*\* Section 12 - Ecological Information \*\*\*

#### Ecotoxicity

Toxic to aquatic life.

#### Component Analysis - Ecotoxicity - Aquatic Toxicity

##### Acetone (67-64-1)

| Duration/Test/Species          | Concentration/Conditions    | Notes |
|--------------------------------|-----------------------------|-------|
| 96 Hr LC50 Oncorhynchus mykiss | 4.74 - 6.33 mL/L            |       |
| 96 Hr LC50 Pimephales promelas | 6210 - 8120 mg/L [static]   |       |
| 96 Hr LC50 Lepomis macrochirus | 8300 mg/L                   |       |
| 48 Hr EC50 Daphnia magna       | 10294 - 17704 mg/L [Static] |       |
| 48 Hr EC50 Daphnia magna       | 12600 - 12700 mg/L          |       |

#### Persistence and Degradability

No information available for the product.

#### Bioaccumulation Potential

No information available for the product.

#### Mobility in Soil

No information available for the product.

#### Other Adverse Effects

No additional information is available.

### \*\*\* Section 13 - Disposal Considerations \*\*\*

#### Disposal Methods

USEPA Waste Code D001, U002 Based on available data, this information applies to the product as supplied to the user. Processing, use, or contamination by the user may change the waste code applicable to the disposal of this product. Dispose of in accordance with all applicable federal, state and local regulations. Regulations may also apply to empty containers. The responsibility for proper waste disposal lies with the owner of the waste. Contact Safety-Kleen regarding proper recycling or disposal.

### \*\*\* Section 14 - Transport Information \*\*\*

#### International Transportation Regulations

**DOT Shipping Name:** Acetone  
**UN/NA #:** UN1090 **Hazard Class:** 3 **Packing Group:** II  
**Required Label(s):** FLAMMABLE LIQUID  
**Additional Information:** RQ = 5000lbs

**TDG Shipping Name:** Acetone  
**UN/NA #:** UN1090 **Hazard Class:** 3 **Packing Group:** II  
**Required Label(s):** FLAMMABLE LIQUID

### \*\*\* Section 15 - Regulatory Information \*\*\*

#### Volatile Organic Compounds (As Regulated)

0 WT%; 0 LB/US gal; 0 g/L  
As per 40 CFR Part 51.100(s)  
Vapor Pressure: 180 mmHg @ 68°F (20°C)  
Not Photochemically Reactive  
Consult your state or local air district for location specific information.

# Safety Data Sheet

Material Name: SAFETY-KLEEN CLEAR CHOICE CLEANING SOLVENT

SDS ID: 82730

## Federal Regulations

### SARA 302/304

#### Component Analysis

Based on the ingredient(s) listed in SECTION 3, this product does not contain any "extremely hazardous substances" listed pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 or Section 304 as identified in 40 CFR Part 355, Appendix A and B.

### SARA 311/312 Hazardous Categories

**Acute Health:** Yes **Chronic Health:** No **Fire:** Yes **Pressure:** No **Reactive:** No

### SARA Section 313

#### Component Analysis

This product does not contain any "toxic" chemical subject to the requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372.

## CERCLA

#### Component Analysis

Based on the ingredient(s) listed in SECTION 3, this product contains the following "hazardous substance" listed under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) in 40 CFR Part 302, Table 302.4 with the following reportable quantities (RQ):

**Acetone (67-64-1)**

5000 lb final RQ; 2270 kg final RQ

## TSCA Inventory

The component of this product is listed on the TSCA Inventory.

#### Component Analysis

| Component | CAS #   | TSCA |
|-----------|---------|------|
| Acetone   | 67-64-1 | Yes  |

## U.S. State Regulations

The following components appear on one or more of the following state hazardous substances lists:

| Component | CAS     | MA  | MN  | NJ  | PA  | CA  |
|-----------|---------|-----|-----|-----|-----|-----|
| Acetone   | 67-64-1 | Yes | Yes | Yes | Yes | Yes |

May contain trace amounts of benzene, (CAS 71-43-2). WARNING! This product contains a chemical known to the state of California to cause cancer and reproductive hazards.

## Canadian Regulations

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all information required by the CPR.

#### Component Analysis

| Component | CAS #   | CAN |
|-----------|---------|-----|
| Acetone   | 67-64-1 | DSL |

## Canadian WHMIS Information

B2 D2A D2B

### Component Analysis - WHMIS IDL

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

**Acetone (67-64-1)**

1 %

\*\*\* Section 16 - Other Information \*\*\*

## Revision Information

Reformat to OSHA HazCom 29 CFR 1910.1200 adoption of GHS Revision 3.

## Safety Data Sheet

Material Name: SAFETY-KLEEN CLEAR CHOICE CLEANING SOLVENT

SDS ID: 82730

### Key/Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LOLI - List Of LIsts™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; RID - European Rail Transport; RTECS - Registry of Toxic Effects of Chemical Substances®; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States

### Disclaimer

User assumes all risks incident to the use of this product. To the best of our knowledge, the information contained herein is accurate. However, Safety-Kleen assumes no liability whatsoever for the accuracy or completeness of the information contained herein. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to the information or the product to which the information refers. The data contained on this sheet apply to the product as supplier to the user.

End of Sheet 82730