



## Safety Data Sheet

Material Name: SAFETY-KLEEN PROFESSIONAL SPRAY AND WIPE CLEANER DEGREASER

SDS ID: 82993

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

**Product Identifier**

SAFETY-KLEEN PROFESSIONAL SPRAY AND WIPE CLEANER DEGREASER

**Product Code**

829

**Synonyms**

Not available

**Recommended Use**

Spray and wipe cleaner. If this product is used in combination with other products, refer to the Safety Data Sheet for those products.

**Restrictions on Use**

THIS PRODUCT IS NOT FOR SALE OR USE IN THE STATE OF CALIFORNIA

**Manufacturer Information**

Safety-Kleen Systems, Inc.  
2600 North Central Expressway  
Suite 200  
Richardson, TX 75080

Phone: 1-800-669-5740

[www.safety-kleen.com](http://www.safety-kleen.com)

Emergency # 1-800-468-1760

**Issue Date**

January 19, 2015

**Supersedes Issue Date**

February 12, 2013

**Original Issue Date**

September 1, 2005

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

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

Serious Eye Damage/Eye Irritation, Category 2B

Specific Target Organ Toxicity - Single Exposure, Category 3 (respiratory tract)

**GHS LABEL ELEMENTS**

**Symbol(s)**



**Signal Word**

WARNING!

**Hazard Statement(s)**

Causes eye irritation

May cause respiratory irritation

**Precautionary Statement(s)**

**Prevention**

Avoid breathing vapor or mist. Use only outdoors or in a well-ventilated area. Wear eye/face protection.

**Response**

IF INHALED: Remove person to fresh air and keep 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.

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### Storage

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

### Disposal

Dispose in accordance with all applicable regulations.

### Hazard(s) Not Otherwise Classified

No additional information is available.

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

CAS	Component	Percent
7732-18-5	Water	90-100
1569-01-3	Propylene glycol n-propyl ether	1-3
34590-94-8	Dipropylene glycol monomethyl ether	1-3
34398-01-1	Polyoxyethylene monoundecyl ether	<2

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

### Description of Necessary Measures

#### Inhalation

IF INHALED: Remove to fresh air. If breathing is difficult, give oxygen. Oxygen should only be administered by qualified personnel. Someone should stay with victim. Get medical attention if breathing difficulty persists.

#### Skin

IF ON SKIN: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before reuse. Seek medical attention at once.

#### Eyes

IF IN EYES: If irritation or redness from exposure to vapor develops, move away from exposure into fresh air. Upon contact, immediately flush eyes with plenty of lukewarm water, holding eyelids apart, for 15 minutes. Get medical attention at once.

#### Ingestion

IF SWALLOWED: Do NOT induce vomiting. Immediately get medical attention. Call 1-800-468-1760 for additional information. If spontaneous vomiting occurs, keep head below hips to avoid breathing the product into the lungs. Never give anything by mouth to an unconscious person.

### Most Important Symptoms/Effects

#### Acute

Respiratory tract irritation, eye irritation

#### Delayed

No information on significant adverse effects.

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

Treat symptomatically and supportively. Treatment may vary with condition of victim and specifics of incident. Call 1-800-468-1760 for additional information.

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

### Suitable Extinguishing Media

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

### Unsuitable Extinguishing Media

None known.

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### Specific Hazards Arising from the Chemical

Product may burn, but does not ignite readily. Heated containers may rupture or be thrown into the air. "Empty" containers may retain residue and can be dangerous. Product is not sensitive to mechanical impact or static discharge.

### 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

Keep storage containers cool with water spray.

### NFPA Ratings: Health: 2 Fire: 1 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, Exposure Controls/Personal Protection.

### 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. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Ventilate area and avoid breathing vapor or mist. Contain spill away from surface water and sewers. Sorb with compatible sorbent material and shovel with a clean tool into a sealable container for disposal.

## \*\*\* 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. When transferring product, metal containers, including trucks and tank cars, should be grounded and bonded. Avoid breathing vapor or mist. Use in a well ventilated area. Avoid contact with eyes, skin and clothing. Do not smoke when using this product. Wash thoroughly after skin contact, before eating, drinking, chewing gum, using tobacco products or using restrooms. Wear protective gloves and eye/face protection.

### Conditions for Safe Storage, Including Any Incompatibilities

Keep container tightly closed when not in use and during transport. Store containers in a cool, dry, well-ventilated place. Keep containers away from heat, flame, sparks, static electricity, or other sources of ignition. Empty product containers may retain product residue and can be dangerous. Store at 40 - 90°F (4 - 32.2°C). Avoid freezing to prevent bursting of the container. See **Section 14: Transportation Information** for Packing Group information.

### Incompatibilities

Oxidizing materials, reducing agents

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

#### Component Exposure Limits

##### Dipropylene glycol monomethyl ether (34590-94-8)

**ACGIH:** 100 ppm TWA

150 ppm STEL

Skin - potential significant contribution to overall exposure by the cutaneous route

**OSHA Final:** 100 ppm TWA; 600 mg/m<sup>3</sup> TWA

prevent or reduce skin absorption

**OSHA Vacated:** 100 ppm TWA; 600 mg/m<sup>3</sup> TWA

150 ppm STEL; 900 mg/m<sup>3</sup> STEL

Prevent or reduce skin absorption

**NIOSH:** 100 ppm TWA; 600 mg/m<sup>3</sup> TWA

150 ppm STEL; 900 mg/m<sup>3</sup> STEL

Potential for dermal absorption

#### Appropriate Engineering Controls

Provide general ventilation needed to maintain concentration of vapor or mist below applicable exposure limits. Where adequate general ventilation is unavailable, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below applicable exposure limits.

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

##### Eyes/Face Protection

Where eye contact is likely, wear chemical goggles; contact lens use is not recommended.

##### Skin Protection

Wear appropriate chemical resistant gloves. To avoid prolonged or repeated contact with products where spills and splashes are likely, wear appropriate chemical-resistant faceshield, boots, apron, coveralls, long sleeve shirts, or other protective clothing.

##### Respiratory Protection

Use NIOSH-certified P- or R- series particulate filter and organic vapor cartridges when concentration of vapor or mist exceeds applicable exposure limits. Protection provided by air purifying respirators is limited. Do not use N-rated respirators. Selection and use of respiratory protective equipment should be in accordance in the USA with OSHA General Industry Standard 29 CFR 1910.134; or in Canada with CSA Standard Z94.4.

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

**Appearance/Odor :** Clear green liquid with pine odor.

**pH:** 10.7-11.3

**Boiling Point:** 212°F (100°C)

**Odor Threshold:** Not Available

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

**Melting Point:** Not available

**Density:** 8.36 to 8.46 lbs/US gal (1002 to 1016 g/l)

**Specific Gravity:** 1.010 (water = 1)

**Evaporation Rate:** 1 (butyl acetate = 1)

**Octanol/H<sub>2</sub>O Coeff.:** Not Available

**LFL:** Not Available

**Auto Ignition Temperature:** Not Available

**UFL:** Not Available

**Flash Point:** >200°F (93.3°C)

**Vapor Pressure:** Not available

**Vapor Density:** Not available

#### Other Property Information

No additional information is available.

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

#### Reactivity

No reactivity hazard is expected.

#### Chemical Stability

Stable under normal temperatures and pressures.

#### Possibility of Hazardous Reactions

Polymerization is not known to occur under normal temperature and pressures. Not reactive with water.

#### Conditions To Avoid

Avoid excessive heat and ignition sources.

#### Incompatible Materials

Do not mix with strong oxidizing or reducing agents.

#### Hazardous Decomposition Products

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

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

#### Toxicity Data and Information

##### Component Analysis - LD50/LC50

###### Propylene glycol n-propyl ether (1569-01-3)

Dermal LD50 Rabbit 3550 mg/kg; Oral LD50 Rat 2490 mg/kg

###### Dipropylene glycol monomethyl ether (34590-94-8)

Dermal LD50 Rabbit 9500 mg/kg; Oral LD50 Rat 5230 mg/kg

#### Information on Likely Routes of Exposure

##### Inhalation

May cause irritation, nausea, headache, drowsiness, dizziness, loss of coordination, and liver effects.

##### Ingestion

May cause headache, drowsiness, dizziness, loss of coordination, liver damage, and kidney damage.

##### Skin Contact

May cause irritation, headache, drowsiness, dizziness, loss of coordination, weight loss, and kidney damage.

##### Eye Contact

Causes eye irritation.

##### Immediate Effects

Respiratory tract irritation, eye irritation

##### Delayed Effects

No information on significant adverse effects.

##### Irritation/Corrosivity

Respiratory tract irritation, eye irritation

##### Respiratory Sensitization

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

##### Skin Sensitization

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

##### Carcinogenicity

##### Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

##### Germ Cell Mutagenicity

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

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### 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

No target organs identified.

### Specific Target Organ Effects - Repeated Exposure

No target organs identified.

### Aspiration Hazard

No data available.

### Medical Conditions Aggravated by Exposure

Individuals with pre-existing respiratory tract (nose, throat, and lungs), central nervous system, kidney, eye, and/or skin disorders may have increased susceptibility to the effects of exposure.

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

### Ecotoxicity

#### Component Analysis - Ecotoxicity - Aquatic Toxicity

##### Dipropylene glycol monomethyl ether (34590-94-8)

Duration/Test/Species	Concentration/Conditions	Notes
96 Hr LC50 Pimephales promelas	>10000 mg/L [static]	
48 Hr LC50 Daphnia magna	1919 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

Not regulated. 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 in accordance with federal, state, provincial, 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 \*\*\*

### Emergency Response Guide Number

Not applicable.

### Transportation Regulations

**DOT Shipping Name:** Not regulated as a hazardous material.

**TDG Shipping Name:** Not regulated as a dangerous good.

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

#### Volatile Organic Compounds (As Regulated)

3.0 WT%; 0.25 LB/US gal; 30 g/L

U.S EPA 40 CFR 51.100(s)

Product vapor pressure approx. 17.5 mm Hg @ 20°C

Product does not contain photochemically reactive solvent as per 40 CFR 51.100(s).

Consult your state or local air district regulations for location specific information.

#### 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

This product poses the following health hazards as defined in 40 CFR Part 370 and are subject to the requirements of sections 311 and 312 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA):

Immediate (Acute) Health Hazard

##### 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 does not contain any "hazardous substance" listed under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) in 40 CFR Part 302, Table 302.4.

#### TSCA Inventory

All the components of this product are listed on, or are automatically included as "naturally occurring chemical substances" on, or are exempted from the requirement to be listed on, the TSCA Inventory.

##### Component Analysis

Component	CAS #	TSCA
Water	7732-18-5	Yes
Propylene glycol n-propyl ether	1569-01-3	Yes
Dipropylene glycol monomethyl ether	34590-94-8	Yes
Polyoxyethylene monoundecyl ether	34398-01-1	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
Water (related to: Ethyl alcohol and water)	7732-18-5	No	No	No	No	Yes <sup>1</sup>
Dipropylene glycol monomethyl ether	34590-94-8	Yes	Yes	Yes	Yes	Yes

**THIS PRODUCT IS NOT FOR SALE OR USE IN THE STATE OF CALIFORNIA.**

#### 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.

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### Component Analysis

Component	CAS #	CAN
Water	7732-18-5	DSL
Propylene glycol n-propyl ether	1569-01-3	DSL
Dipropylene glycol monomethyl ether	34590-94-8	DSL
Polyoxyethylene monoundecyl ether	34398-01-1	DSL

### Canadian WHMIS Information

D2B

### Component Analysis - WHMIS IDL

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

**Dipropylene glycol monomethyl ether (34590-94-8)** 1 %

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

### Revision Information

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

### Key/Legend

ACGIH - American Conference of Governmental Industrial Hygienists; 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; 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; 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; 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 (these) product(s). 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 express or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers. The data contained on this sheet apply to the product(s) as supplied to the user.

End of Sheet 82993