



## Safety Data Sheet

Material Name: ArmaKleen Paint and Ink Remover: Mixture

SDS ID: 82978

### Section 1 - PRODUCT AND COMPANY IDENTIFICATION

**Material Name**

ArmaKleen Paint and Ink Remover: Mixture

**Product Code**

Not applicable.

**Synonyms**

Not available.

**Product Use**

Organic paint and ink and paint coating removal system. Product is designed to remove paints and inks from aluminum and steel. If this product is used in combination with other products, refer to the Safety Data Sheet for those products.

**Restrictions on Use**

For professional use only.

**MANUFACTURER**

Church & Dwight  
The ArmaKleen™ Company  
469 North Harrison Street  
Princeton, NJ 08543  
Phone: (800) 332-5424  
[www.churchdwight.com](http://www.churchdwight.com)

**SUPPLIER**

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)

**IMPORTER/DISTRIBUTOR**

Safety-Kleen Canada Inc.  
25 Regan Road  
Brampton, Ontario, Canada L1A 1B2  
Phone: 1-800-669-5740

**Emergency Telephone Number**

Medical: 1-888-234-1828 Chemical: 1-800-424-9300 (CHEMTREC)

**Issue Date**

March 6, 2017

**Supersedes Issue Date**

April 29, 2015

**Original Issue Date**

September 1, 2004

### Section 2 - HAZARDS IDENTIFICATION

**Classification in accordance with Schedule 1 of Canada's Hazardous Products Regulations (HPR) (SOR/2015-17) and paragraph (d) of 29 CFR 1910.1200 in the United States**

Acute Toxicity - Inhalation - Dust/Mist - Category 4

Serious Eye Damage/Eye Irritation - Category 2A

Skin Sensitization - Category 1A

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## GHS Label Elements

### Symbol(s)



### Signal Word

Danger.

### Hazard Statement(s)

Harmful if inhaled.

Causes serious eye irritation.

May cause allergic skin reaction.

**HOT LIQUID CAN CAUSE SEVERE BURNS TO THE EYES AND SKIN** which can result in permanent eye damage.

### Precautionary Statement(s)

#### Prevention

Avoid breathing vapor or mist. Use only outdoors or in a well-ventilated area. Use in an enclosure with local exhaust only. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.

#### Response

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: Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

#### Storage

Store locked up. Do not store below 40°F.

#### Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

#### Statement of Unknown Toxicity

0% of the mixture consists of ingredient(s) of unknown acute toxicity.

## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
7732-18-5	Water	38-42
100-51-6	Benzyl alcohol	36-39
124-68-5	2-Amino-2-methyl-1-propanol	5.9-6.6
68439-46-3	Alcohols, C9-11, ethoxylated	1.2-1.3
34398-01-1	Poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy-	1.2-1.3

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23783-26-8

Acetic acid, hydroxyphosphono-

0.12-0.13

## Section 4 - FIRST AID 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: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. For thermal burns caused by contact with hot product, remove affected clothing and shoes. Wash skin thoroughly with cool water. Apply cool-packs or ice.

### Eyes

IF IN EYES: Immediately flush eyes with a directed stream of water for at least 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. Remove contact lenses, if present, after the first five minutes and continue rinsing the eye. Immediately call a POISON CENTER or doctor/physician.

### Ingestion

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

### Most Important Symptoms/Effects

#### Acute

Harmful if inhaled. Causes serious eye irritation. May cause allergic skin reaction.

#### Delayed

Repeated exposure may cause skin dryness or cracking.

### Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively. HOT LIQUID CAN CAUSE SEVERE BURNS TO THE EYES AND SKIN which can result in permanent eye damage.

## Section 5 - FIRE FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Use extinguishing agents appropriate for surrounding fire.

#### Unsuitable Extinguishing Media

Do not use high-pressure water streams.

### Special Hazards Arising from the Chemical

Negligible fire hazard.

### Hazardous Combustion Products

Decomposition and combustion materials may be toxic. Burning may produce Carbon monoxide.

### Fire Fighting Measures

Move container from fire area if it can be done without risk. Keep storage containers cool with water spray. "Empty" containers may retain residue and can be dangerous. Product is not sensitive to mechanical impact or static discharge.

### 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.

## Section 6 - ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective clothing and equipment, see Section 8.

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## Methods and Materials for Containment and Cleaning Up

May create slippery conditions when spilled. Do not touch or walk through spilled product. Keep unnecessary and unprotected personnel from entering. Ventilate area and avoid breathing vapor or mist. Contain spill as a liquid for possible recovery, or sorb with compatible sorbent material and shovel with a clean, spark proof tool into a sealable container for disposal. Additionally, for large spills: Dike far ahead of liquid spill for collection and later disposal.

## Environmental Precautions

Prevent material from entering drains or sewers.

## Section 7 - HANDLING AND STORAGE

### Precautions for Safe Handling

Keep away from sparks or flame. Avoid breathing vapor or mist. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling.

### Conditions for Safe Storage, Including any Incompatibilities

Keep container tightly closed when not in use and during transport. Store containers in a cool, dry place. 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. Empty product containers may retain product residue and can be dangerous.

### Incompatible Materials

Strong acids, reducing agents, oxidizers

## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### Component Exposure Limits

Canada and ACGIH have not developed exposure limits for any of this product's components.

### ACGIH - Threshold Limit Values - Biological Exposure Indices (BEI)

There are no biological limit values for any of this product's components.

### 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 Protection Measures, such as Personal Protective Equipment

#### Eye/face protection

Wear safety glasses. Additional protection like goggles, face shields, or respirators may be needed dependent upon anticipated use and concentrations of mists or vapors. Eye wash fountain and emergency showers are recommended. Contact lens use is not recommended.

#### Respiratory Protection

A respiratory protection program which meets USA's OSHA General Industry Standard 29 CFR 1910.134 or Canada's CSA Standard Z94.4-M1982 requirements must be followed whenever workplace conditions warrant a respirator's use. Consult a qualified Industrial Hygienist or Safety Professional for respirator selection guidance

#### Glove Recommendations

Where skin contact is likely, wear gloves impervious to product; use of natural rubber (latex) or equivalent gloves is not recommended. To avoid prolonged or repeated contact where spills and splashes are likely, wear appropriate chemical-resistant face shield, boots, apron, whole body suits or other protective clothing. When product is heated and skin contact is likely, wear heat-resistant gloves, boots, and other protective clothing.

#### Protective Materials

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

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professional pursuant to regulatory requirements. The following PPE should be considered the minimum required: Safety glasses, Gloves, Lab coat or apron.

## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear, Pale yellow liquid	<b>Physical State</b>	Liquid
<b>Odor</b>	aromatic	<b>Color</b>	Pale yellow
<b>Odor Threshold</b>	Not available	<b>pH</b>	10 - 11
<b>Melting Point</b>	<0 °C	<b>Boiling Point</b>	>121 °C (250°F)
<b>Boiling Point Range</b>	Not available	<b>Freezing point</b>	Not available
<b>Evaporation Rate</b>	Equal to water	<b>Flammability (solid, gas)</b>	Not available
<b>Autoignition Temperature</b>	321 °C (609°F)	<b>Flash Point</b>	109 °C (228°F)
<b>Lower Explosive Limit</b>	Not available	<b>Decomposition temperature</b>	Not available
<b>Upper Explosive Limit</b>	Not available	<b>Vapor Pressure</b>	15 mm Hg @ 20 °C
<b>Vapor Density (air=1)</b>	Not available	<b>Specific Gravity (water=1)</b>	1.009
<b>Water Solubility</b>	Not available	<b>Partition coefficient: n-octanol/water</b>	Not available
<b>Viscosity</b>	Not available	<b>Solubility (Other)</b>	Not available
<b>Density</b>	8.4 lb/US gal (1009 g/L)	<b>Molecular Weight</b>	Not available
<b>Volatile Organic Compounds (As regulated)</b>	47.2 WT%; 3.96 LB/US gal; 475 g/L; As per 40 CFR Part 51.100(s) Product Vapor Pressure @20°C = 15.0 mmHg Product does not contain photochemically reactive solvents VOC Vapor Pressure <0.1 mm Hg @ 68°F (20°C)		

## Section 10 - STABILITY AND REACTIVITY

### Reactivity

May react on contact with Strong acid.

### 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 sparks or flame, direct sunlight, moisture.

### Incompatible Materials

Avoid oxidizing agents, reducing agents, strong acids.

### Hazardous decomposition products

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

### Thermal decomposition products

Carbon monoxide.

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## Section 11 - TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### Inhalation

Harmful if inhaled. May cause narcotic effects in high concentrations. Symptoms may include headache, dizziness, nausea, loss of coordination.

#### Skin Contact

May cause skin irritation. May cause an allergic skin reaction.

#### Eye Contact

Causes serious eye irritation. May cause blurred vision and tearing.

#### Ingestion

May be harmful if swallowed. May cause irritation.

### Acute and Chronic Toxicity

#### Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:

##### **Benzyl alcohol (100-51-6)**

Oral LD50 Rat 1230 mg/kg; Dermal LD50 Rabbit 2 g/kg; Inhalation LC50 Rat 8.8 mg/L 4 h

##### **2-Amino-2-methyl-1-propanol (124-68-5)**

Oral LD50 Rat 2900 mg/kg (in physiological saline); Dermal LD50 Rabbit >2000 mg/kg (no deaths occurred)

##### **Alcohols, C9-11, ethoxylated (68439-46-3)**

Oral LD50 Rat 1400 mg/kg:

##### **Sodium xylenesulfonate (1300-72-7)**

Oral LD50 Rat 1000 mg/kg

### Product Toxicity Data

#### Product Analysis LD/LC 50 Toxicity Values

Inhalation LC50:	4 mg/l 4 hr
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#### Acute Toxicity Estimate

No data available.

#### Immediate Effects

Harmful if inhaled. Causes serious eye irritation. May cause allergic skin reaction.

#### Delayed Effects

Repeated exposure may cause skin dryness or cracking.

#### Irritation/Corrosivity Data

Causes serious eye irritation. May cause respiratory tract irritation and skin irritation.

#### Respiratory Sensitization

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

#### Dermal Sensitization

No information on significant adverse effects. May cause allergic skin reaction.

#### Component Carcinogenicity

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

#### Germ Cell Mutagenicity

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

Experimental evidence suggests that this product does not cause mutagenesis.

#### Tumorigenic Data

No data available

#### Reproductive Toxicity

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

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## Specific Target Organ Toxicity - Single Exposure

No target organs identified.

## Specific Target Organ Toxicity - Repeated Exposure

No target organs identified.

## Aspiration hazard

Based on available data, the classification criteria are not met.

## Medical Conditions Aggravated by Exposure

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

## Section 12 - ECOLOGICAL INFORMATION

### Component Analysis - Aquatic Toxicity

<b>Benzyl alcohol</b>	<b>100-51-6</b>
Fish:	LC50 96 h Pimephales promelas 460 mg/L [static ]; LC50 96 h Lepomis macrochirus 10 mg/L [static ]
Invertebrate:	EC50 48 h water flea 23 mg/L
<b>2-Amino-2-methyl-1-propanol</b>	<b>124-68-5</b>
Fish:	LC50 96 h Lepomis macrochirus 190 mg/L [static ]
Algae:	EC50 72 h Desmodesmus subspicatus 520 mg/L IUCLID
Invertebrate:	EC50 48 h Daphnia magna 193 mg/L IUCLID

### Invertebrate Toxicity

No additional information is available.

### Persistence and Degradability

No information available for the product.

### Bioaccumulative Potential

No information available for the product.

### Mobility

No information available for the product.

## Section 13 - DISPOSAL CONSIDERATIONS

### Disposal Methods

U.S. EPA has not published waste numbers for this product's components. 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 ArmaKleen regarding proper recycling or disposal.

## Section 14 - TRANSPORT INFORMATION

**US DOT Information:** Not regulated for transport.

**IATA Information:** Not regulated for transport.

**TDG Information:** Not regulated for transport.

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## Section 15 - REGULATORY INFORMATION

### Canada Regulations

#### CEPA - Priority Substances List

None of this product's components are on the list.

#### Ozone Depleting Substances

None of this product's components are on the list

#### Council of Ministers of the Environment - Soil Quality Guidelines

None of this product's components are on the list

#### Council of Ministers of the Environment - Water Quality Guidelines

None of this product's components are on the list

### U.S. Federal Regulations

None of this products components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

#### SARA Section 311/312 (40 CFR 370 Subparts B and C)

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

#### Component Analysis - Inventory

**Benzyl alcohol (100-51-6), 2-Amino-2-methyl-1-propanol (124-68-5), Alcohols, C9-11, ethoxylated (68439-46-3), Poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy- (34398-01-1), Sodium xylenesulfonate (1300-72-7), Acetic acid, hydroxyphosphono- (23783-26-8)**

US	CA
Yes	DSL

Not listed under California Proposition 65.

## Section 16 - OTHER INFORMATION

### NFPA Ratings

Health: 2 Fire: 0 Reactivity: 0

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

### Summary of Changes

Revision to comply with WHMIS 2015

### Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CA/MA/MN/NJ/PA - California/Massachusetts/Minnesota/New Jersey/Pennsylvania\*; CAS - Chemical Abstracts Service; CFR - Code of Federal Regulations (US); CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CPR - Controlled Products Regulations; DOT - Department of Transportation; DSL - Domestic Substances List; EPA - Environmental Protection Agency; F - Fahrenheit; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NDSL - Non-Domestic Substance List (Canada); NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; OSHA - Occupational Safety and Health Administration; PEL - Permissible Exposure Limit; RCRA - Resource Conservation and Recovery Act; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act;



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TWA - Time Weighted Average; UEL - Upper Explosive Limit; UN/NA - United Nations /North American; US - United States; WHMIS - Workplace Hazardous Materials Information System (Canada).

### **Other Information**

**This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Product Regulations (HPR)**

### **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, ArmaKleen 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 supplied to the user.