Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name
ARMAKLEEN Paint and Ink Remover: Part A

Product Code
6363, 6463
Formula Code 42000128

Product Use
Organic paint and ink remover that is one part of a two part coating removal process. This 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

SUPPLIER
Safety-Kleen Systems, Inc.
2600 North Central Expressway
Suite 200
Richardson, TX 75080
Phone: 1-800-669-5740
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
May 11, 2015

Original Issue Date
September 1, 2004

Section 2 - HAZARDS IDENTIFICATION

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)

Acute Toxicity - Oral - Category 4
Acute Toxicity - Inhalation - Vapor - Category 4
Serious Eye Damage/Eye Irritation - Category 1

GHS Label Elements
Symbol(s)
Signal Word
Danger.

Hazard Statement(s)
- Harmful if swallowed.
- Harmful if inhaled.
- Causes serious eye damage.

Precautionary Statement(s)
Prevention
Avoid breathing vapor or mist. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear eye protection/face protection.

Response
IF SWALLOWED: Call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Rinse mouth.
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 IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

Storage
None needed according to classification criteria.

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.

<table>
<thead>
<tr>
<th>CAS</th>
<th>Component Name</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-51-6</td>
<td>Benzyl alcohol</td>
<td>71-79</td>
</tr>
<tr>
<td>67784-80-9</td>
<td>Soybean oil, methyl ester</td>
<td>19-21</td>
</tr>
<tr>
<td>34398-01-1</td>
<td>Poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy-</td>
<td>2.0-2.6</td>
</tr>
<tr>
<td>68439-46-3</td>
<td>Alcohols, C9-11, ethoxylated</td>
<td>2.0-2.6</td>
</tr>
</tbody>
</table>

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.

Skin
IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER or doctor if you feel unwell.

Eyes
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

Ingestion
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Do NOT induce vomiting.
**Most Important Symptoms/Effects**

**Acute**
Harmful if swallowed. Harmful if inhaled. Causes eye burns. May cause respiratory tract irritation and skin irritation.

**Delayed**
No information on significant adverse effects.

**Indication of any immediate medical attention and special treatment needed**
Treat symptomatically and supportively.

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**Section 5 - FIRE FIGHTING MEASURES**

**Extinguishing Media**

**Suitable Extinguishing Media**
Use extinguishing media appropriate for surrounding fire. Use alcohol foam, carbon dioxide or dry chemical.

**Unsuitable Extinguishing Media**
Do not use high-pressure water streams. Water or foam may cause frothing.

**Special Hazards Arising from the Chemical**
Not flammable but will support combustion.

**Hazardous Combustion Products**
Decomposition and combustion materials may be toxic. Burning may produce Carbon monoxide.

**Advice for firefighters**
Risk of explosion if heated under confinement.

**Fire Fighting Measures**
Move container from fire area if it can be done without risk. Keep storage containers cool with water spray. Heated containers may rupture. "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.

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**Section 6 - ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment and Emergency Procedures**
Wear personal protective clothing and equipment, see Section 8.

**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.

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**Section 7 - HANDLING AND STORAGE**

**Precautions for Safe Handling**
Keep away from sparks or flame. Avoid breathing vapor or mist. 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. Do not store below 40°F (4°C).

**Incompatible Materials**
Avoid oxidizing agents and reducing agents, strong acids.

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

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**Section 9 - PHYSICAL AND CHEMICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance</strong></td>
<td>Clear, colorless</td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>Aromatic</td>
</tr>
<tr>
<td><strong>Odor Threshold</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Melting Point</strong></td>
<td>&lt;=-0.4 °F (-18°C)</td>
</tr>
<tr>
<td><strong>Boiling Point Range</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Evaporation Rate</strong></td>
<td>(equal to water. )</td>
</tr>
<tr>
<td><strong>Autoignition Temperature</strong></td>
<td>609°F (321°C)</td>
</tr>
<tr>
<td><strong>Physical State</strong></td>
<td>Liquid</td>
</tr>
<tr>
<td><strong>Color</strong></td>
<td>colorless</td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>6.6 (5% solution )</td>
</tr>
<tr>
<td><strong>Boiling Point</strong></td>
<td>249.8°F (&gt;121 °C)</td>
</tr>
<tr>
<td><strong>Freezing point</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Flammability (solid, gas)</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Flash Point</strong></td>
<td>228.2°F (109 °C)</td>
</tr>
</tbody>
</table>
Lower Explosive Limit  Not available  Decomposition temperature  Not available
Upper Explosive Limit  Not available  Vapor Pressure  Not available
Vapor Density (air=1)  Not available  Specific Gravity (water=1)  1.009
Water Solubility  Not available  Partition coefficient: n-octanol/water  Not available
Viscosity  Not available  Solubility (Other)  Not available
Density  Not available  Molecular Weight  Not available
Volatile Organic Compounds (As Regulated)  76.7 WT%; 6.44 LB/US gal; 772 g/L; As per 40 CFR Part 51.100(s)
Product Vapor Pressure @20°C = 0.14 mmHg
Product does not contain photochemically reactive solvents

Section 10 - STABILITY AND 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 sparks or flame, direct sunlight.
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.

Section 11 - TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure
Inhalation  Harmful if inhaled. May cause irritation.
Skin Contact  May cause skin irritation.
Eye Contact  Causes serious eye damage.
Ingestion  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
Poly(oxy-1,2-ethenediyl), .alpha.-undecyl-.-hydroxy-(34398-01-1)
Product Toxicity Data

Product Analysis LD/LC 50 Toxicity Values

<table>
<thead>
<tr>
<th></th>
<th>Oral LD50</th>
<th>Oral LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATE US (oral)</td>
<td>500 mg/kg</td>
<td>1475 mg/kg</td>
</tr>
<tr>
<td>Alcohols, C9-11, ethoxylated (68439-46-3)</td>
<td>1400 mg/kg</td>
<td></td>
</tr>
</tbody>
</table>

Acute Toxicity Estimate
No data available.

Immediate Effects
Harmful if swallowed. Harmful if inhaled. Causes serious eye damage. May cause respiratory tract irritation and skin irritation.

Delayed Effects
No information on significant adverse effects.

Irritation/Corrosivity Data
Causes serious eye damage. 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.

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.

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

<table>
<thead>
<tr>
<th>Component</th>
<th>LC50/LC50 Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzyl alcohol</td>
<td>100-51-6</td>
</tr>
<tr>
<td>Fish:</td>
<td></td>
</tr>
<tr>
<td>Pimephales promelas 460 mg/L [static ]; Lepomis macrochirus 10 mg/L [static ]</td>
<td></td>
</tr>
<tr>
<td>Invertebrate</td>
<td></td>
</tr>
<tr>
<td>water flea 23 mg/L</td>
<td></td>
</tr>
</tbody>
</table>

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
The 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.

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), Poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy- (34398-01-1), Alcohols, C9-11, ethoxylated (68439-46-3)

<table>
<thead>
<tr>
<th>Component</th>
<th>US</th>
<th>CA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>DSL</td>
<td>Yes</td>
</tr>
</tbody>
</table>

U.S. State Regulations

<table>
<thead>
<tr>
<th>State</th>
<th>MA</th>
<th>PA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

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; LOI - 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; 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:
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