Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name
ARMAKLEEN Paint and Ink Remover: Part B

Product Code
6364, 6464
Formula Code 42000129

Synonyms
Not available.

Product Use
Water-based 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 commercial 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

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
Skin Corrosion/Irritation - Category 1A
Serious Eye Damage/Eye Irritation - Category 1
Skin Sensitization - Category 1A
Specific Target Organ Toxicity - Repeated Exposure - Category 2
GHS Label Elements
Symbol(s)

Signal Word
Danger.

Hazard Statement(s)
Causes severe skin burns and eye damage.
May cause allergic skin reaction.
May cause damage to organs through prolonged or repeated exposure.

Precautionary Statement(s)
Prevention
Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Wear protective
gloves/protective clothing/eye protection/face protection. Contaminated work clothing should not be allowed
out of the workplace. Do not eat, drink or smoke when using this product.

Response
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or
doctor/physician. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with
water/shower. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing
before reuse. IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for
breathing. Immediately call a POISON CENTER or doctor. IF IN EYES: Rinse cautiously with water for
several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON
CENTER or doctor/physician.

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

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

Other hazards
Repeated exposure may cause skin dryness or cracking. High concentrations of vapor or mist may irritate the
respiratory tract (nose, throat, and lungs).

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CAS</th>
<th>Component Name</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>7732-18-5</td>
<td>Water</td>
<td>76-84</td>
</tr>
<tr>
<td>124-68-5</td>
<td>2-Amino-2-methyl-1-propanol</td>
<td>12-13</td>
</tr>
<tr>
<td>1300-72-7</td>
<td>Sodium xylene sulfonate</td>
<td>0.95-1.05</td>
</tr>
<tr>
<td>23783-26-8</td>
<td>Acetic acid, hydroxyphosphono-</td>
<td>0.24-0.26</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. Immediately call a POISON CENTER or doctor.

Skin
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor. Wash contaminated clothing before reuse.

Eyes
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: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.

Most Important Symptoms/Effects
Acute
Causes skin burns, eye burns, an allergic skin reaction. High concentrations of vapor or mist may irritate the respiratory tract (nose, throat, and lungs).

Delayed
Repeated exposure may cause skin dryness or cracking.

Indication of any immediate medical attention and special treatment needed
Treat symptomatically and supportively. Possible mucosal damage may contraindicate the use of gastric lavage.

Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media
Suitable Extinguishing Media
Not applicable. Use media 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
Product itself does not burn, but may decompose upon heating to produce carbon monoxide, nitrogen oxide, sulfur oxides.

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.

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
Remove all ignition sources. 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. Do not breathe dust or vapors. 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, May react on contact with strong acids.

### 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**
Use NIOSH-certified P- or R-series particulate filter and organic vapor cartridges when concentration of vapor or mist exceeds applicable exposure limits. Protection by air purifying respirators is limited. Selection and use or 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.

**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.
Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Light amber clear</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>21.20°F (-6 ℃)</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>212°F (100 °C)</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>(equal to water)</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Lower Explosive Limit</td>
<td>Not available</td>
</tr>
<tr>
<td>Upper Explosive Limit</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Density (air=1)</td>
<td>Not available</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>(complete)</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available</td>
</tr>
<tr>
<td>Density</td>
<td>Not available</td>
</tr>
<tr>
<td>Volatile Organic Compounds (As Regulated)</td>
<td>14.5 WT%; 1.22 LB/US gal; 146 g/L; As per 40 CFR Part 51.100(s)</td>
</tr>
<tr>
<td>Product Vapor Pressure @20°C</td>
<td>17.5 mmHg (water based solution)</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>Not available</td>
</tr>
<tr>
<td>Specific Gravity (water=1)</td>
<td>1.01</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>11.5 (aqueous solution )</td>
</tr>
<tr>
<td>Melting Point Range</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point Range</td>
<td>Not available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt; 212°F (100 °C)</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt; 212°F (100 °C)</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Specific Gravity (water=1)</td>
<td>1.01</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility (Other)</td>
<td>Not available</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>Not available</td>
</tr>
</tbody>
</table>

Section 10 - STABILITY AND REACTIVITY

Reactivity
May react on contact with strong acids.

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.

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

Hazardous decomposition products
Oxides of carbon, nitrogen and sulfur. See also SECTION 5: HAZARDOUS COMBUSTION PRODUCTS.

Thermal decomposition products
Carbon monoxide, nitrogen oxides (NOx), hydrogen, sulfur oxides.

Section 11 - TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure
Inhalation
May cause irritation.
Skin Contact
Causes burns. May cause allergic skin reaction.

Eye Contact
Causes eye burns.

Ingestion
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:

- **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)
- **Sodium xylene sulfonate (1300-72-7)**
  - Oral LD50 Rat 1000 mg/kg
- **Acetic acid, hydroxyphosphono-(23783-26-8)**
  - ATE US (oral)

Product Toxicity Data

<table>
<thead>
<tr>
<th>Acute Toxicity Estimate</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dermal</strong></td>
</tr>
<tr>
<td><strong>Oral</strong></td>
</tr>
</tbody>
</table>

Immediate Effects
Causes burns, eye burns, skin burns. May cause allergic skin reaction. High concentrations of vapor or mist may irritate the respiratory tract (nose, throat, and lungs).

Delayed Effects
Repeated exposure may cause skin dryness or cracking.

Irritation/Corrosivity Data
Causes burns. High concentrations of vapor or mist may irritate the respiratory tract (nose, throat, and lungs).

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

Dermal Sensitization
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.

Specific Target Organ Toxicity - Single Exposure
No target organs identified.

Specific Target Organ Toxicity - Repeated Exposure
May cause damage to organs through prolonged or repeated exposure.

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>Substance</th>
<th>EC/LC50 Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Amino-2-methyl-1-propanol</td>
<td>124-68-5</td>
</tr>
<tr>
<td>Fish: Lepomis macrochirus</td>
<td>LC50 96 h 190 mg/L [static]</td>
</tr>
<tr>
<td>Algae: Desmodesmus subspicatus</td>
<td>EC50 72 h 520 mg/L [IUCLID]</td>
</tr>
<tr>
<td>Invertebrate: Daphnia magna</td>
<td>EC50 48 h 193 mg/L [IUCLID]</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:**
- **Shipping Name:** CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S., (Contains: amines)
- **Hazard Class:** 8
- **UN/NA #:** UN3267
- **Packing Group:** III
- **Required Label(s):** 8

**IATA Information:**
- **Shipping Name:** CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S., (Contains: amines)
- **Hazard Class:** 8
- **UN#:** UN3267
- **Packing Group:** III
- **Required Label(s):** 8

**TDG Information:**
- **Shipping Name:** CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S., (Contains: Contains amines)
- **Hazard Class:** 8
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 product's 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
2-Amino-2-methyl-1-propanol (124-68-5), Sodium xylene sulfonate (1300-72-7), Acetic acid, hydroxyphosphono- (23783-26-8)

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

U.S. State Regulations
2-Amino-2-methyl-1-propanol (124-68-5), Sodium xylene sulfonate (1300-72-7), Acetic acid, hydroxyphosphono- (23783-26-8)

<table>
<thead>
<tr>
<th>MA</th>
<th>NJ</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: 3 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
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 supplier to the user.