

MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION			
Material Identification: MicroKleen™ Siloxane Stripper PLC-40			
Adsil, Inc. 1901 Mason Avenue, Suite 101 Daytona Beach, FL 32117		386-274-1382 PHONE 386-274-1798 FAX CHEMTREC: 1-800-424-9300	
SECTION 2: OSHA HAZARDOUS COMPONENTS			
C.A.S. Number(s)	Wt%	Components	Exposure Limits
1310-58-3	15 - 20%	Potassium Hydroxide	OSHA PEL 2 mg/m ³ , ceiling ACGIH TLV 2 mg/m ³ , ceiling
68412-54-4	1 – 3%	Ethoxylated Nonylphenol	No Exposure Limits Established
111-76-2	1 – 2%	2-butoxyethanol	TWA OSHA (skin) 50 ppm TWA ACGIH 20 ppm
NFPA/HMIS Code: Health 3 , Flammability 0, Reactivity 0			
SECTION 3: PHYSICAL DATA FOR MATERIAL			
<p>pH: 14 (At a concentration of 100%) Solubility in water: complete Appearance: Pale Liquid Odor: Mild Odor Specific Gravity @ 25° C: 1.20 Vapor Pressure @ 60° C mm Hg: 135</p>			
SECTION 4: FIRE & EXPLOSION HAZARD OF MATERIAL			
<p>Flash Point: None Fire Hazards: Non-flammable. Will not burn or support combustion. However, reaction of potassium hydroxide with certain materials may create sufficient heat to ignite nearby combustible materials. Unusual Fire Hazards: None known Extinguishing Media: Use any extinguishing media suitable for surrounding area. Fire Fighting Procedures: Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus. Cool exposed intact containers with water spray.</p>			
SECTION 5: HEALTH & HAZARD DATA			
<p>Eye Contact: May cause severe damage including burns and blindness. The severity of effects depends on concentration and how soon after exposure the eyes are washed. Skin Contact: May cause chemical burns with reddening and pain. Prolonged or repeated skin contact with solution or mist may cause dermatitis. Inhalation: Mists or vapors may cause severe irritation or burns to respiratory tract. Ingestion: Causes gastrointestinal irritation, vomiting, diarrhea, shock and possible death. Special Hazards: Carcinogens – none known Teratogens – none known Mutagens – none known Reproductive Toxins – none known</p>			
SECTION 6: FIRST AID MEASURES			
Eyes:	Immediately flush with water for 30 minutes. Get prompt medical attention.		
Skin:	Flush with cool water for 15 minutes. Remove contaminated clothing and wash skin with large amounts of soap and water. If irritation persists, get medical attention.		
Inhalation:	Remove to fresh air. Get medical attention if ill effects persist.		
Oral:	Do not induce vomiting. If conscious, give large quantities of water. Contact local poison control center or physician immediately.		

SECTION 7: REACTIVITY DATA							
<p>Stability: Stable.</p> <p>Hazardous Polymerization: Will not occur.</p> <p>Conditions to Avoid: None known.</p> <p>Materials to Avoid: Strong Acids may react violently. Contact with certain metals, such as nickel, may produce flammable hydrogen gas.</p> <p>Hazardous Decomposition Products: Carbon Monoxide, Carbon Dioxide and Sodium Oxides.</p>							
SECTION 8: LEAK OR SPILL INFORMATION							
<p>Containment/Clean-up: Wear protective clothing (see Section 9). Disposal of collected product, residues, and cleanup material may be governmentally regulated. Observe all applicable local, state and federal waste management regulations. Mop, wipe or soak up with absorbent material and contain for salvage or disposal. For large spills, provide diking or other appropriate containment to keep material from spreading.</p>							
SECTION 9: SPECIAL PROTECTION INFORMATION							
<p>Respiratory Protection: Respiratory protection is not required under normal use. For spray application, wear NIOSH approved organic vapor/dust mist respirator.</p> <p>Skin Protection: Wear rubber gloves, rubber boots and protective clothing.</p> <p>Eye Protection: Safety glasses at a minimum. Full face shield is recommended.</p> <p>Protective Equipment: Safety eye-wash station (bottle) should be within direct access.</p> <p>Personal Hygiene: Do not get in eyes, on skin or on clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse.</p>							
SECTION 10: TRANSPORT INFORMATION							
<p>DOT Information (49 CFR 172.101)</p> <p>Proper Shipping Name: CORROSIVE LIQUID, n.o.s.</p> <p>Hazard Technical Name: POTASSIUM HYDROXIDE</p> <p>Hazard Class: 8</p> <p>UN Number: UN3266</p> <p>Packing Group: III</p>							
SECTION 11: HANDLING & STORAGE							
<p>Handling: Prevent eye and skin contact. Do not breathe mists or aerosol. Use good personal hygiene.</p> <p>Storage: Store in cool and ventilated areas away from strong acids, water and moisture.</p>							
SECTION 12: REGULATORY INFORMATION							
<p>EPA SARA Title III Chemical Listings:</p> <p>Section 302 CERCLA Extremely Hazardous Substances: None</p> <p>Section 304 CERCLA Hazardous Substances: None</p> <p>Section 312 Hazard Class:</p> <table> <tr> <td>Acute: Yes</td> <td>Pressure: No</td> </tr> <tr> <td>Chronic: Yes</td> <td>Reactive: No</td> </tr> <tr> <td>Fire: No</td> <td></td> </tr> </table> <p>Section 313 Toxic Chemicals: None</p> <p>Supplemental State Compliance Information: California</p> <p>Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.</p> <p>None known.</p>		Acute: Yes	Pressure: No	Chronic: Yes	Reactive: No	Fire: No	
Acute: Yes	Pressure: No						
Chronic: Yes	Reactive: No						
Fire: No							
Revision Date: 02/07	Prepared by: Adsil - MSDS Coordinator Daytona Beach, Florida 32117 (PH: 386-274-1382)						