

Material Safety Data Sheet

LITTLE EFFORT CLEANER

MSDS No. 06

Date of Preparation: 02/2003

Revision: 1

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: LITTLE EFFORT CLEANER
Chemical Formula: N/A
CAS Number: N/A
Other Designations: N/A
General Use: CLEANING COMPOUNDS

HMIS	
H	1
F	0
R	0
PPE†	
†Sec. 8	

Manufacturer: American Municipal Chemical Co., Inc., 1907 S. 89th Street, West Allis, WI 53227, Phone (414)329-2920
 FAX (414)329-9043, Emergency Phone Number 1-800-424-9300.

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% wt or % vol.
1,2-Ethanediol	107-12-1	2
Octylphenoxypolyethoxyethanol	9036-19-5	2
Silicic Acid, Sodium Salt.	1344-09-8	2
2-Butoxyethanol	111-76-2	2

Trace Impurities:

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA	STEL	TWA	STEL	TWA	STEL	
1,2-Ethanediol	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.
Octylphenoxypolyethoxyethanol	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.
Silicic Acid, Sodium Salt	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.
2-Butoxyethanol	50 ppm Skin	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.

Toxicity Data:

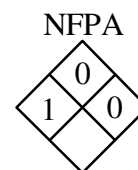
Section 3 - Physical and Chemical Properties

Physical State: Liquid
Appearance and Odor: Orange liquid with Citrus Odor
Odor Threshold: N/A
Vapor Pressure: less than 1
Vapor Density (Air=1): N/A
Formula Weight: N/A
Density: ~8.33lbs/gal
Specific Gravity (H₂O=1, at 4 °C): 1.0 +/- 0.015
pH: 11.6

Water Solubility: Complete
Other Solubilities: N/A
Boiling Point: > or = to 210 deg F
Freezing/Melting Point: ~32 deg F
Viscosity: N/A
Refractive Index: N/A
Surface Tension: N/A
% Volatile: N/A
Evaporation Rate: 1.5

Section 4 - Fire-Fighting Measures

Flash Point: N/A
Flash Point Method: N/A
Burning Rate: N/A
Autoignition Temperature: N/A
LEL: N/A
UEL: N/A



Flammability Classification: Non-Flammable
Extinguishing Media: Water fog-water spray, chemical foam, etc
Unusual Fire or Explosion Hazards: None
Hazardous Combustion Products: None
Fire-Fighting Instructions: Do not release runoff from fire control methods to sewers or waterways.
Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.

Section 5 - Stability and Reactivity

Stability: Little Effort is stable at room temperature in closed containers under normal storage and handling conditions.
Polymerization: Hazardous polymerization cannot occur.
Chemical Incompatibilities: Oxidizers
Conditions to Avoid: None
Hazardous Decomposition Products: Thermal decomposition may yield CO and CO₂.

Section 6 - Health Hazard Information

Potential Health Effects

Primary Entry Routes: Eyes, Ingestion
Target Organs: None
Acute Effects
Inhalation: Dizziness can result
Eye: As with all cleaner, keep away from eyes, this is slightly alkaline in nature which may cause a mild burning sensation to eyes
Skin: Mild irritation, Dermatitis.
Ingestion: May cause irritation to the mouth and mucous membranes, Nausea, Vomiting
Carcinogenicity: IARC, NTP, and OSHA do not list Little Effort as a carcinogen.
Medical Conditions Aggravated by Long-Term Exposure: None Known
Chronic Effects: None Known

Emergency and First Aid Procedures

Inhalation: Remove person to fresh air. If irritation persists, obtain medical attention.
Eye Contact: Flush eyes and under eyelids with plenty of cool water for atleast 15 minutes. If irritation persists seek medical attention.
Skin Contact: Flush with cool water, wash skin with soap and water. Launder clothing before reuse.
Ingestion: Call a physician or poison control center immediately. Give person several glass of water and induce vomiting. Never give anything by mouth to an unconscious person.
After first aid, get appropriate in-plant, paramedic, or community medical support.
Note to Physicians: Water Based all purpose cleaner, slightly alkaline
Special Precautions/Procedures: Wear safety glasses while using.

Section 7 - Spill, Leak, and Disposal Procedures

Spill /Leak Procedures:
Small Spills: Stop leak by repositioning container, contain spill. Soak up spilled material with an inert absorbent or use as a cleaner and mop up the floor.
Large Spills
Containment: For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways.
Cleanup: : As above indicated under the small spill procedure.
Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).
Disposal: Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.
Disposal Regulatory Requirements: N/A
Container Cleaning and Disposal: N/A

Ecological Information:**EPA Regulations:**RCRA Hazardous Waste Number: **Not listed** (40 CFR 261.33)RCRA Hazardous Waste Classification : **Not classified**CERCLA Hazardous Substance (40 CFR 302.4) **unlisted** specific per RCRA, Sec. 3001; CWA, Sec. 311 (b)(4); CWA, Sec. 307(a), CAA, Sec. 112

CERCLA Reportable Quantity (RQ), N/A

SARA 311/312 Codes: N/A

SARA Toxic Chemical (40 CFR 372.65): **Not listed**SARA EHS (Extremely Hazardous Substance) (40 CFR 355): **Not listed**, Threshold Planning Quantity (TPQ)**OSHA Regulations:**Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): **Not listed**OSHA Specifically Regulated Substance: **Not listed****Section 8 - Exposure Controls / Personal Protection****Engineering Controls:****Ventilation:** Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.**Administrative Controls:****Respiratory Protection:** Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. For emergency or non-routine operations (cleaning spills, reactor vessels, or storage tanks), wear an SCBA.*Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.* If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.**Protective Clothing/Equipment:** Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.**Safety Stations:** Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.**Contaminated Equipment:** Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.**Comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.**Section 9 - Special Precautions and Comments****Handling Precautions:** None**Storage Requirements:** Store in a cool, dry place. Protect from freezing. Close container tightly when not in use.**DOT Transportation Data (49 CFR 172.101):****Shipping Name:** Compound
Cleaning Liquid**Shipping Symbols:** N/A**Hazard Class:** N/A**ID No.:** N/A**Packing Group:** N/A**Label:** N/A**Special Provisions (172.102):**

N/A

Packaging Authorizations**a) Exceptions:** N/A**b) Non-bulk Packaging:** N/A**c) Bulk Packaging:** N/A**Quantity Limitations****a) Passenger, Aircraft, or Railcar:** N/A**b) Cargo Aircraft Only:** N/A**Vessel Stowage Requirements****a) Vessel Stowage:** N/A**b) Other:** N/A**Prepared By:** Wayne T. Benz**Revision Notes:** No major changes, revised the HMIS table properties.**Disclaimer:** The data contained herein is drawn from recognized sources and believed to be accurate as the date of issue. Persons who have or should obtain professional knowledge intend this information for use and experience in the subjects discussed, and is presented only for your evaluation of the suitability of this product for your use, and for compliance with Federal and State regulations. The manufacturer makes no warranty, express or implied, and disclaims all liability for the accuracy, completeness, and reliability of any information contained herein.

